

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063014.D
 Acq On : 27 Jan 2025 13:51
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 07:24:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 14:07:15 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	91628	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	85847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	51616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17496	5.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.200%
7) Chloroethane-d5	1.882	69	13077	5.229	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.551	65	9518	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.608	46	45276	47.361	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.720%
24) Chloroform-d	5.046	84	61465	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.689	65	35171	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.711	84	90400	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.676	67	22446	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.888	98	92533	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.171	79	14547	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.621	63	39680	51.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23374	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	47523	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	44480	5.419	ug/L	97
3) Chloromethane	1.515	50	23121	5.857	ug/L	98
5) Vinyl chloride	1.596	62	23273	5.280	ug/L	99
6) Bromomethane	1.821	94	13619	6.458	ug/L	96
8) Chloroethane	1.904	64	11706	5.259	ug/L	98
9) Trichlorofluoromethane	2.116	101	57227	5.135	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	28397	5.179	ug/L	89
12) 1,1-Dichloroethene	2.563	96	23803	5.001	ug/L	88
13) Acetone	2.615	43	32162	52.030	ug/L	92
14) Carbon disulfide	2.776	76	59609	4.888	ug/L	98
15) Methyl Acetate	2.940	43	5993	5.048	ug/L #	87
16) Methylene chloride	3.026	84	25670	5.116	ug/L	91
17) Methyl tert-butyl Ether	3.348	73	72020	5.051	ug/L	95
18) trans-1,2-Dichloroethene	3.335	96	26190	5.142	ug/L	95
19) 1,1-Dichloroethane	3.850	63	41796	4.734	ug/L	93
21) 2-Butanone	4.686	43	41198	48.866	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	29521	4.849	ug/L	90
23) Bromochloromethane	4.959	128	15214	4.980	ug/L #	81
25) Chloroform	5.071	83	59528	4.666	ug/L	99

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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 07:24:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
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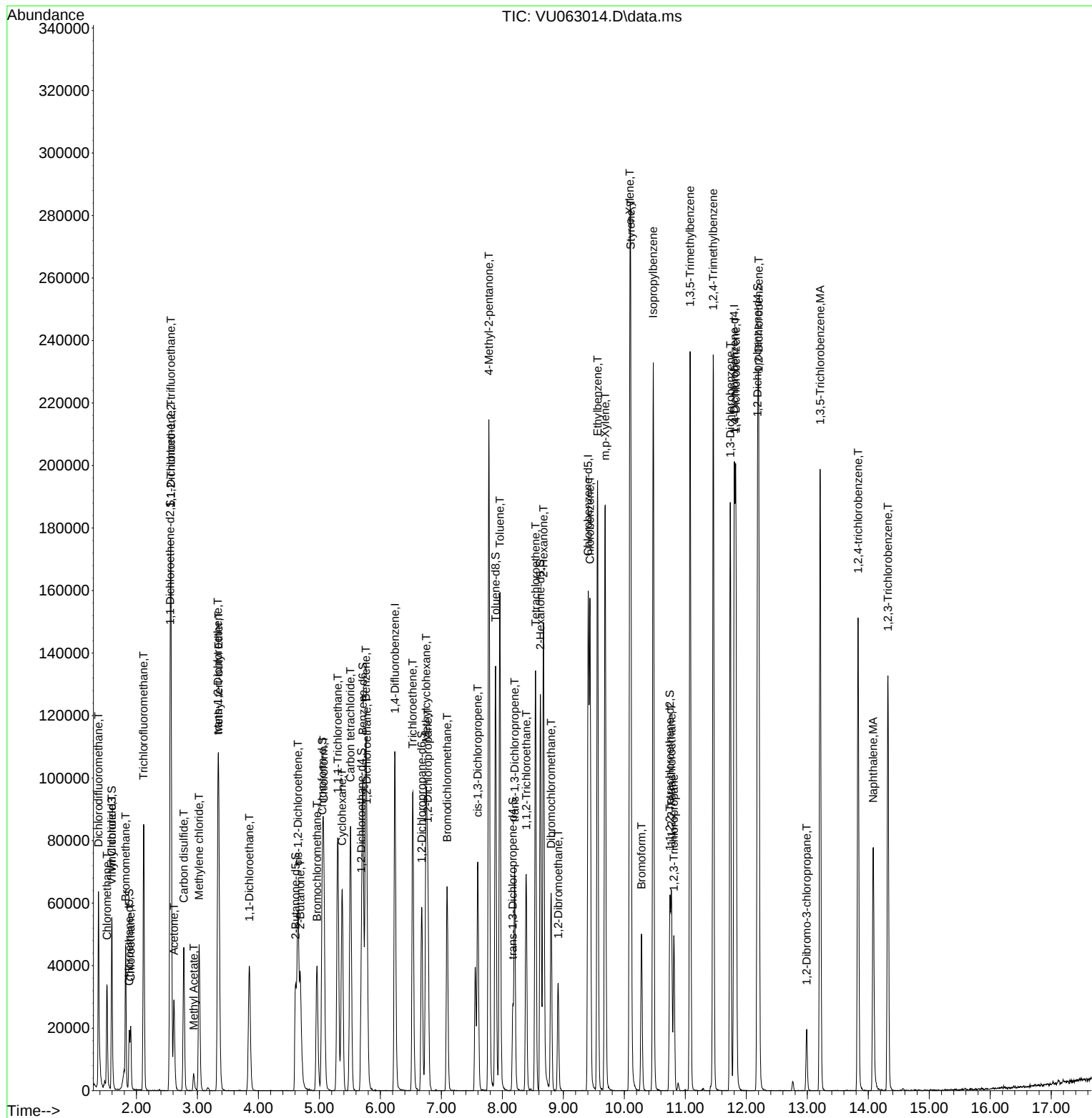
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	40524	4.532	ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	64729	4.863	ug/L	97
30) Cyclohexane	5.370	56	28061	4.526	ug/L #	78
31) Carbon tetrachloride	5.509	117	62737	4.895	ug/L	96
33) Benzene	5.759	78	96991	4.663	ug/L	100
34) Trichloroethene	6.528	95	31832	4.504	ug/L	92
35) Methylcyclohexane	6.750	83	40848	4.587	ug/L	90
37) 1,2-Dichloropropane	6.779	63	19493	4.167	ug/L #	95
38) Bromodichloromethane	7.094	83	42907	4.577	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	40184	4.563	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	102562	45.450	ug/L #	92
42) Toluene	7.959	91	116707	4.721	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	38644	4.764	ug/L	96
45) 1,1,2-Trichloroethane	8.390	97	21807	4.953	ug/L	90
47) Tetrachloroethene	8.544	164	29953	4.873	ug/L	93
48) 2-Hexanone	8.672	43	79426	50.745	ug/L #	94
49) Dibromochloromethane	8.798	129	33704	4.906	ug/L	99
50) 1,2-Dibromoethane	8.914	107	22138	4.978	ug/L	95
51) Chlorobenzene	9.438	112	84290	4.917	ug/L	95
52) Ethylbenzene	9.560	91	136845	4.750	ug/L	100
53) m,p-Xylene	9.685	106	52792	4.745	ug/L	100
54) o-Xylene	10.090	106	53873	5.285	ug/L	94
55) Styrene	10.103	104	86821	5.038	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	23427	4.756	ug/L #	91
59) Bromoform	10.280	173	23814	4.855	ug/L	96
60) Isopropylbenzene	10.473	105	149977	4.585	ug/L	98
61) 1,2,3-Trichloropropane	10.811	75	18684	4.498	ug/L	93
62) 1,3,5-Trimethylbenzene	11.078	105	134920	4.705	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	132348	4.880	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	80947	4.875	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	81228	4.876	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	76445	4.893	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5605	5.103	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.209	180	67028	5.052	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	50739	4.887	ug/L	99
71) Naphthalene	14.081	128	73648	5.528	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	44435	4.953	ug/L	97

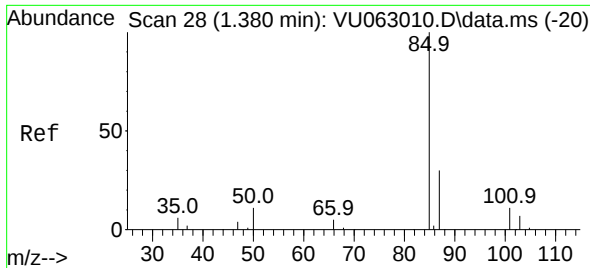
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Data File : VU063014.D
Acq On : 27 Jan 2025 13:51
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

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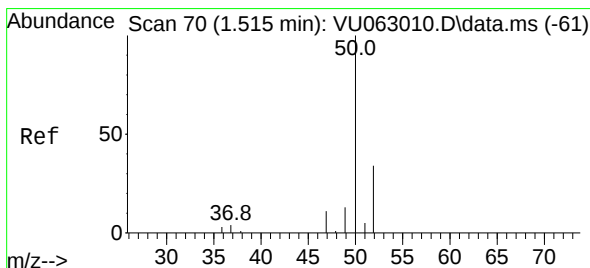
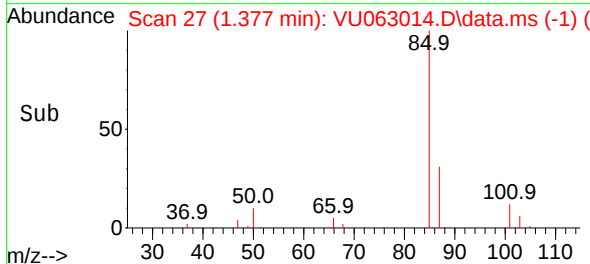
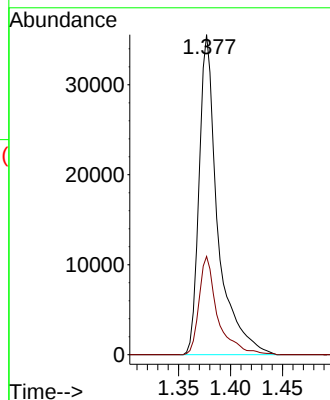
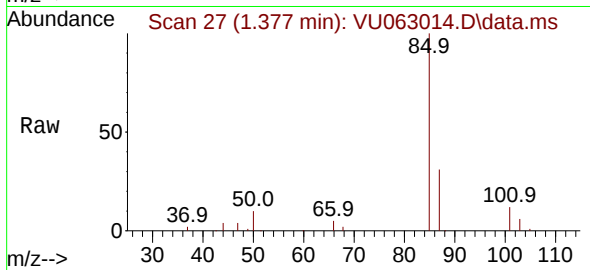




#2
Dichlorodifluoromethane
Concen: 5.419 ug/L
RT: 1.377 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

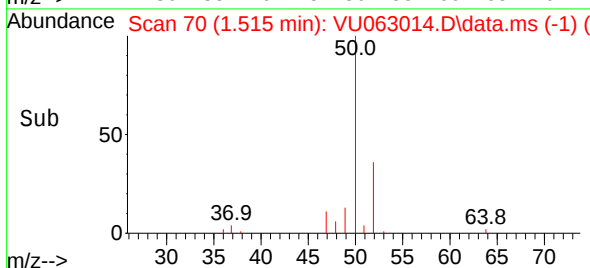
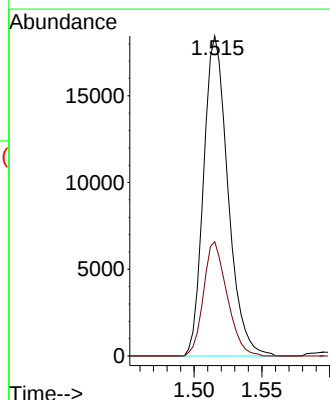
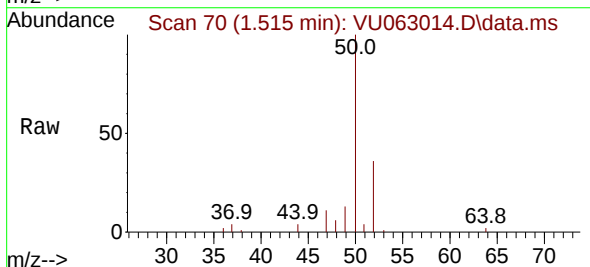
Instrument :
MSVOA_U
ClientSampleId :

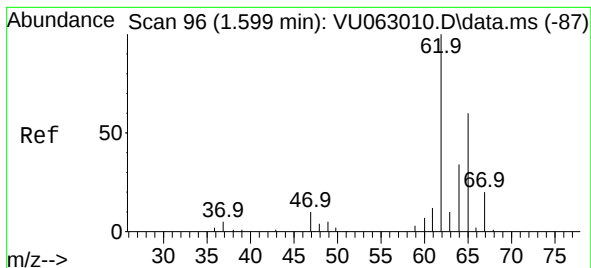
Tgt Ion: 85 Resp: 44480
Ion Ratio Lower Upper
85 100
87 30.7 26.1 39.1



#3
Chloromethane
Concen: 5.857 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion: 50 Resp: 23121
Ion Ratio Lower Upper
50 100
52 35.7 24.1 44.7





#5

Vinyl chloride

Concen: 5.280 ug/L

RT: 1.596 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

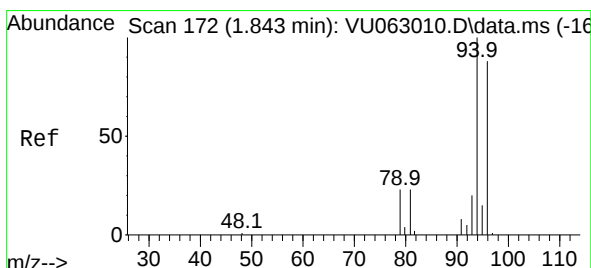
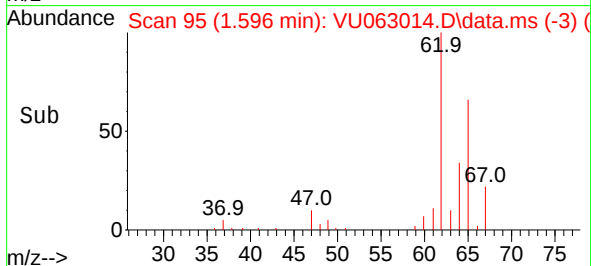
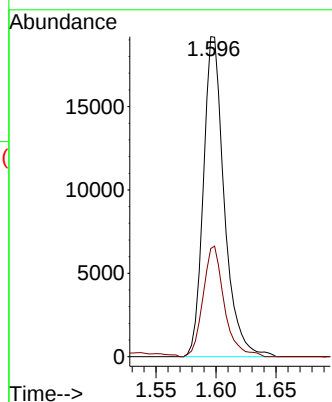
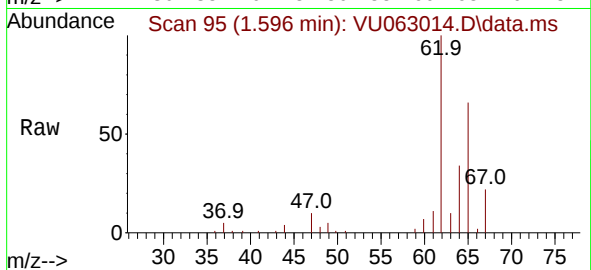
ClientSampleId :

Tgt Ion: 62 Resp: 23273

Ion Ratio Lower Upper

62 100

64 33.8 23.4 43.4



#6

Bromomethane

Concen: 6.458 ug/L

RT: 1.821 min Scan# 165

Delta R.T. -0.022 min

Lab File: VU063014.D

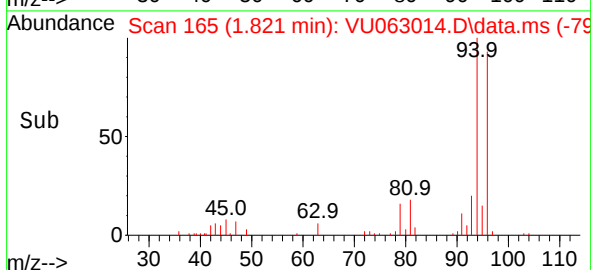
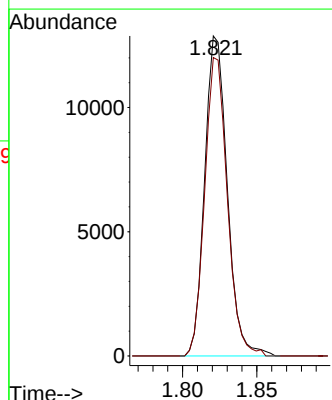
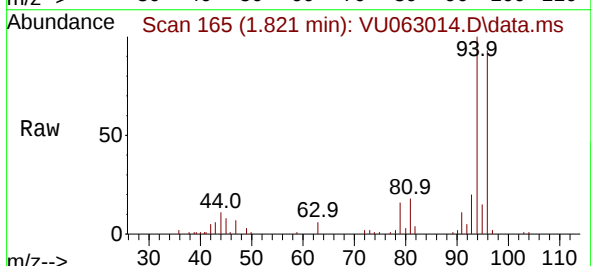
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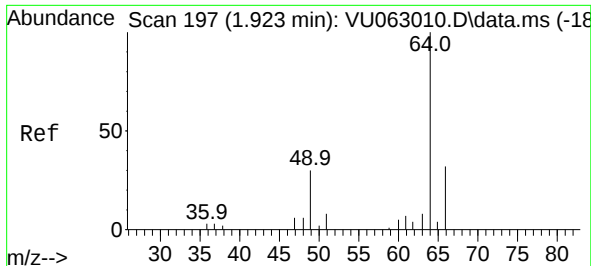
Tgt Ion: 94 Resp: 13619

Ion Ratio Lower Upper

94 100

96 93.3 62.9 116.7

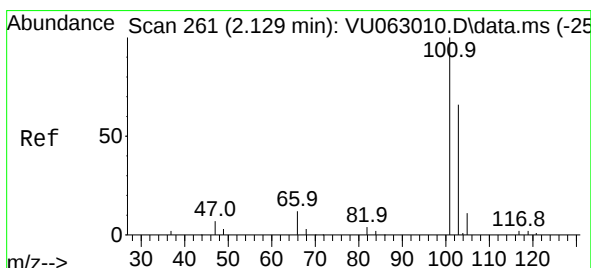
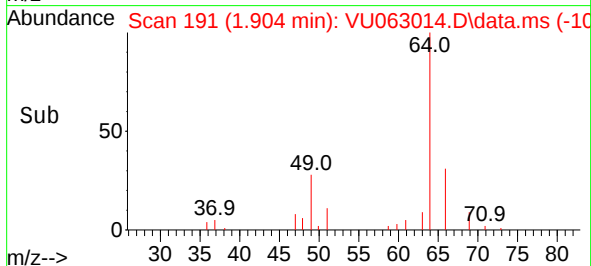
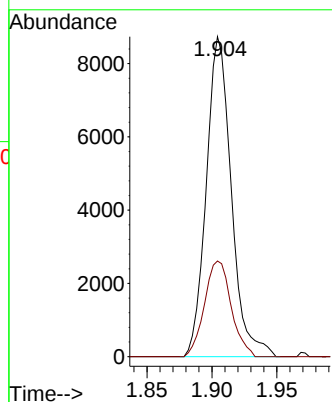
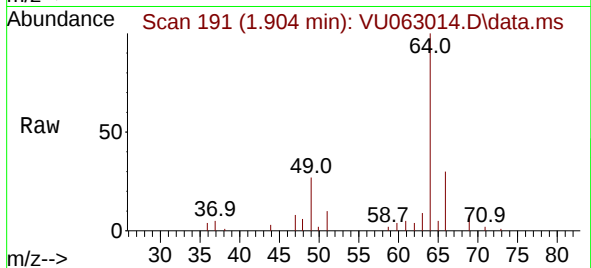




#8
Chloroethane
Concen: 5.259 ug/L
RT: 1.904 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

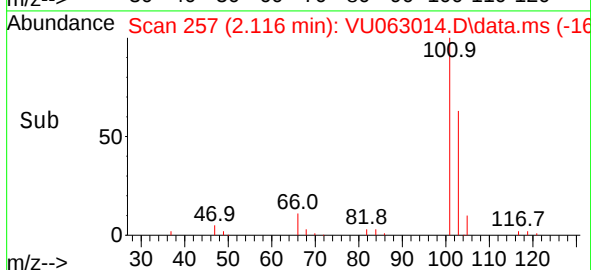
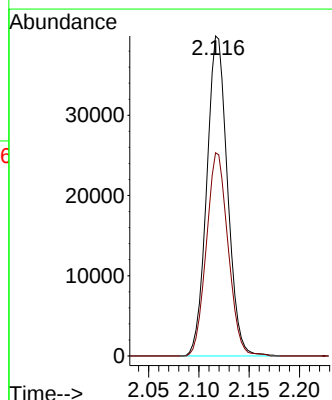
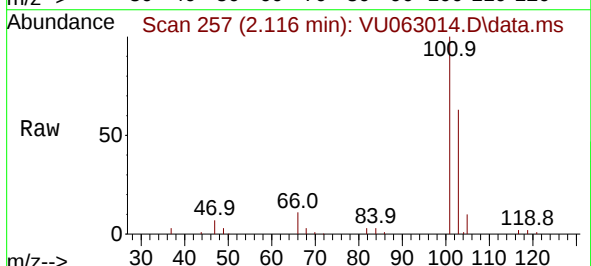
Instrument :
MSVOA_U
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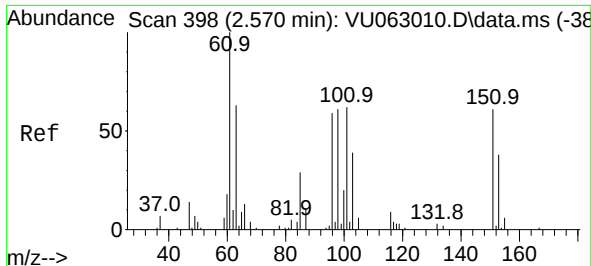
Tgt Ion: 64 Resp: 11706
Ion Ratio Lower Upper
64 100
66 29.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.135 ug/L
RT: 2.116 min Scan# 257
Delta R.T. -0.013 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion:101 Resp: 57227
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.0

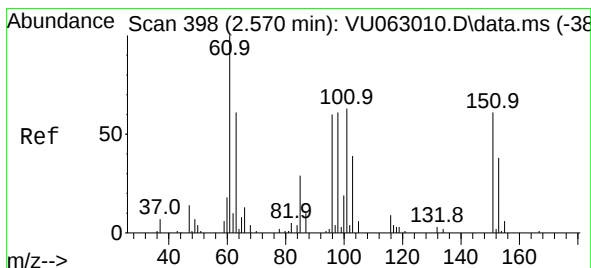
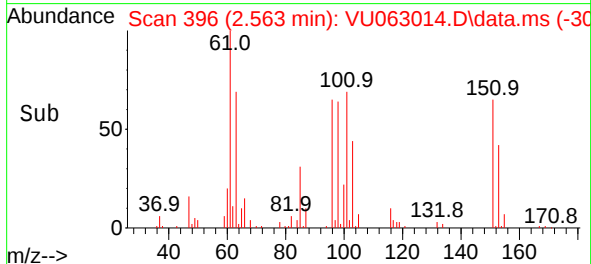
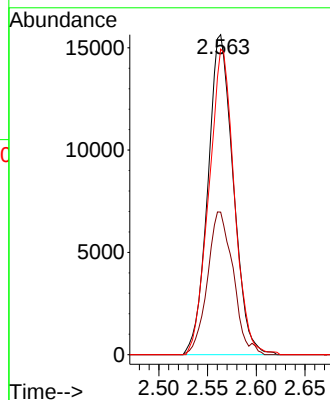
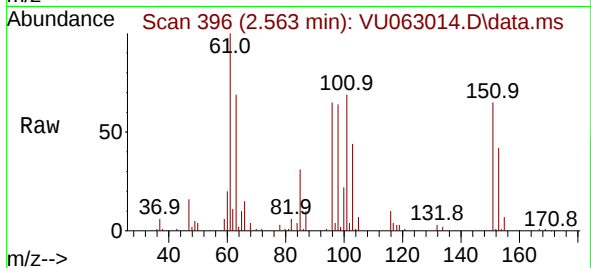




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.179 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.006 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

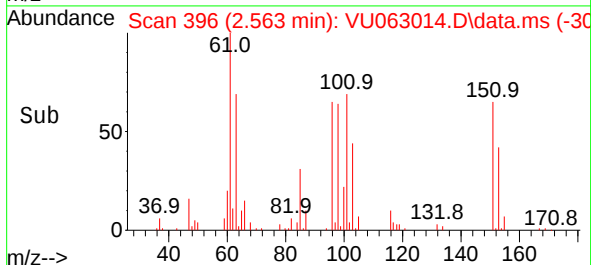
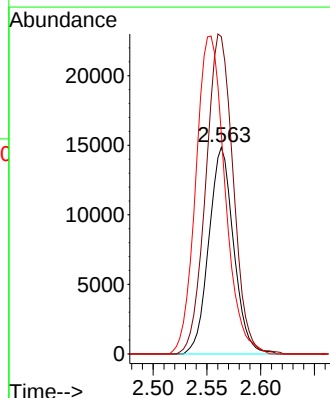
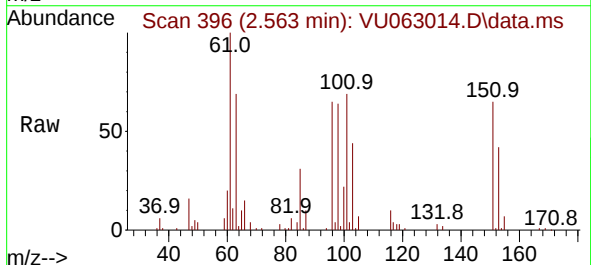
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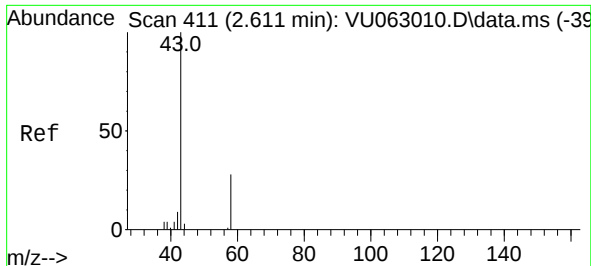
Tgt Ion:101 Resp: 28397
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 95.3 64.4 96.6



#12
1,1-Dichloroethene
Concen: 5.001 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.006 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion: 96 Resp: 23803
Ion Ratio Lower Upper
96 100
61 153.6 120.4 223.6
63 106.6 82.3 152.9





#13

Acetone

Concen: 52.030 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

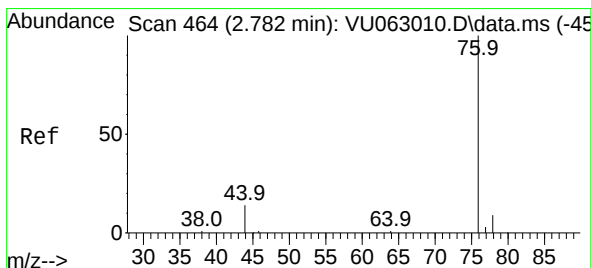
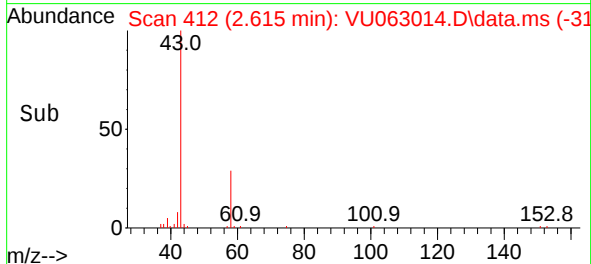
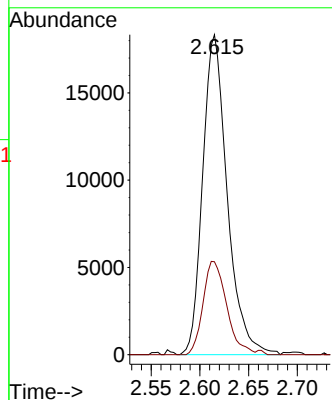
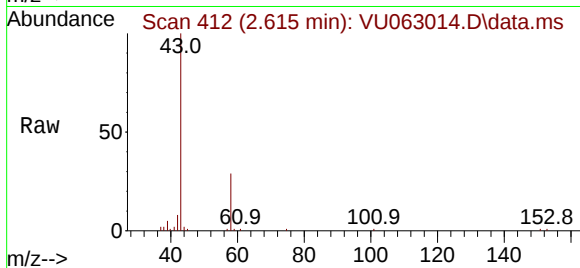
ClientSampleId :

Tgt Ion: 43 Resp: 32162

Ion Ratio Lower Upper

43 100

58 28.0 0.0 64.4



#14

Carbon disulfide

Concen: 4.888 ug/L

RT: 2.776 min Scan# 462

Delta R.T. -0.006 min

Lab File: VU063014.D

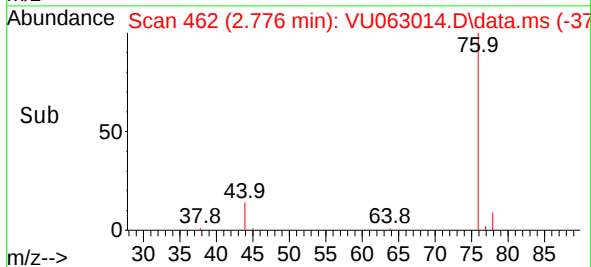
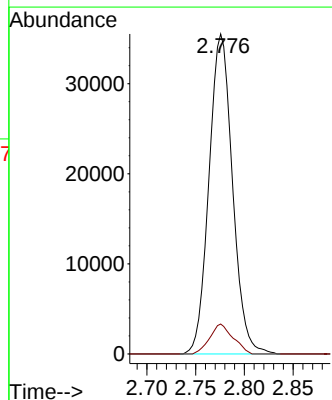
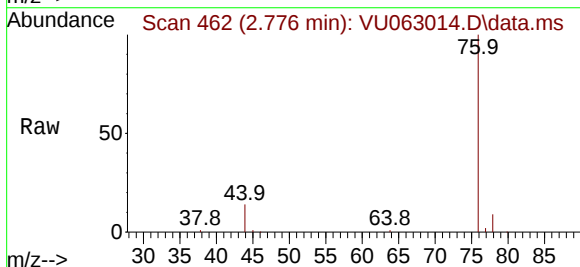
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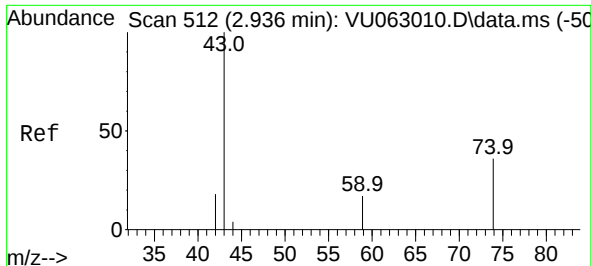
Tgt Ion: 76 Resp: 59609

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6





#15

Methyl Acetate

Concen: 5.048 ug/L

RT: 2.940 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

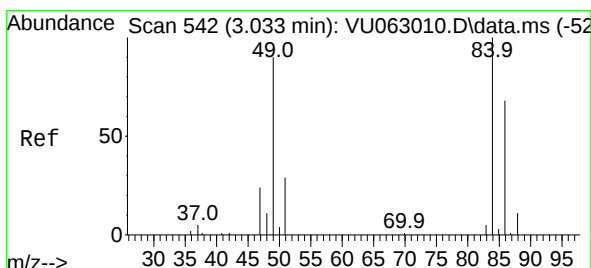
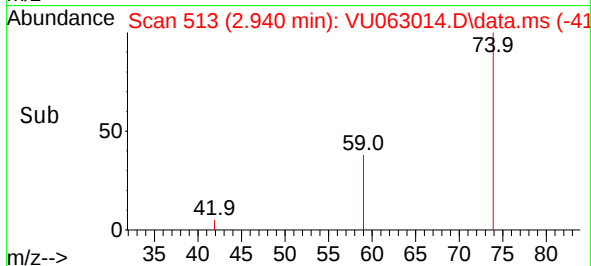
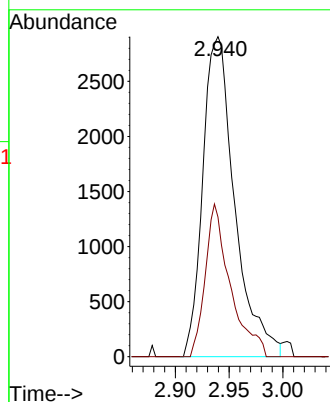
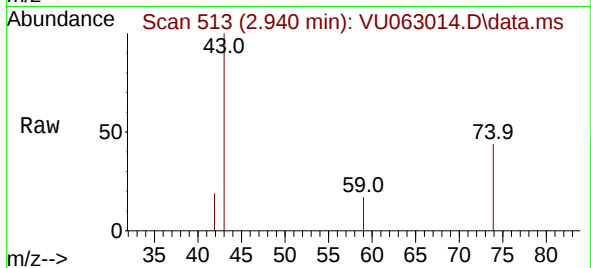
ClientSampleId :

Tgt Ion: 43 Resp: 5993

Ion Ratio Lower Upper

43 100

74 37.4 24.4 36.6#



#16

Methylene chloride

Concen: 5.116 ug/L

RT: 3.026 min Scan# 540

Delta R.T. -0.006 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

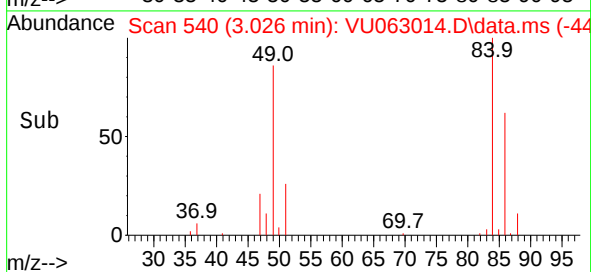
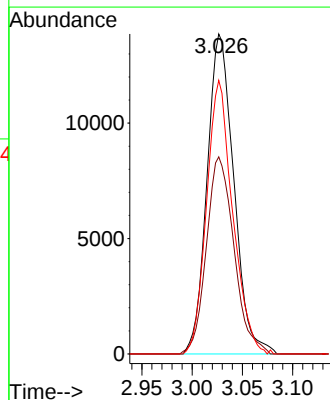
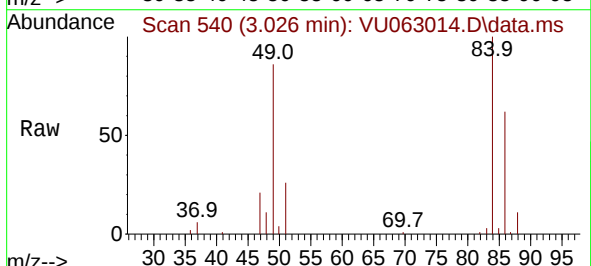
Tgt Ion: 84 Resp: 25670

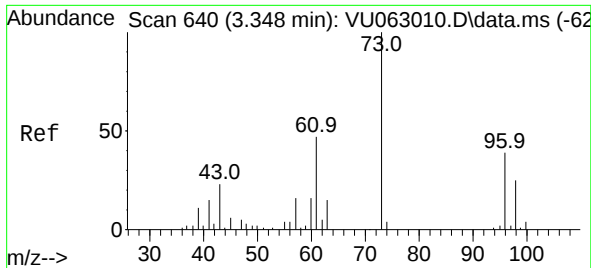
Ion Ratio Lower Upper

84 100

86 61.6 44.7 83.1

49 85.5 68.3 126.9

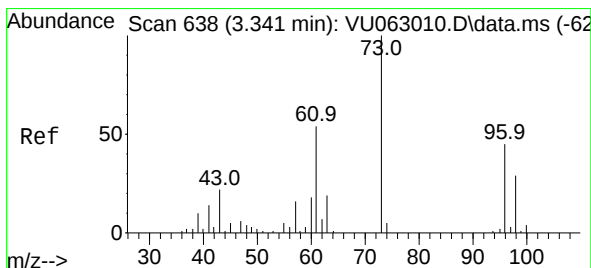
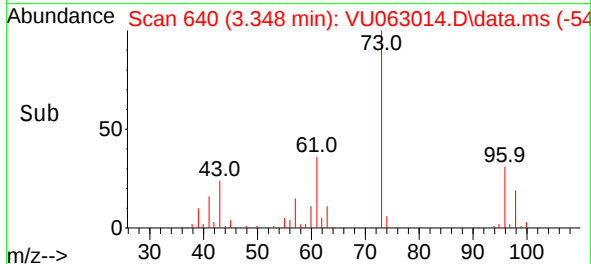
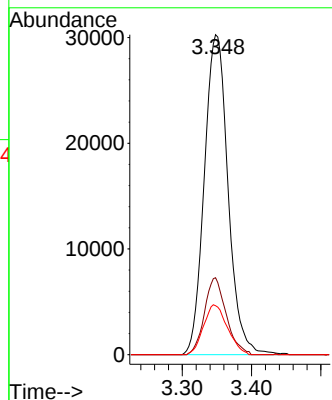
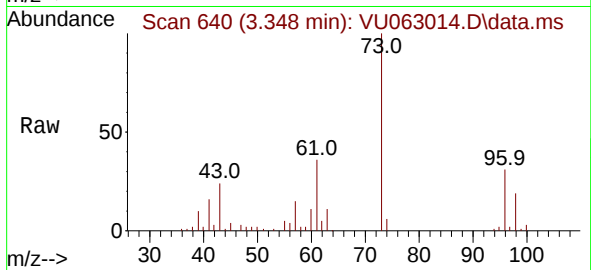




#17
Methyl tert-butyl Ether
Concen: 5.051 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

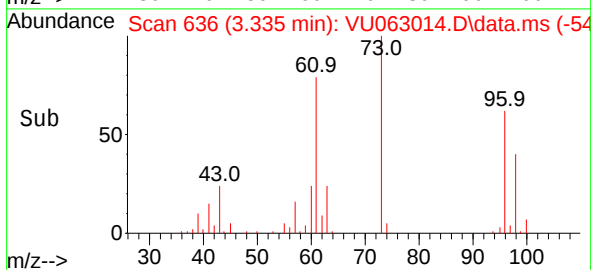
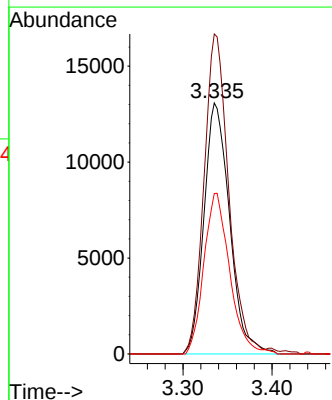
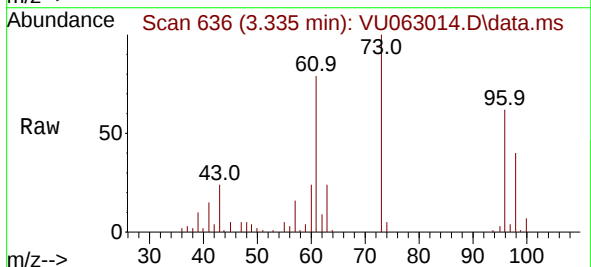
Instrument :
MSVOA_U
ClientSampleId :

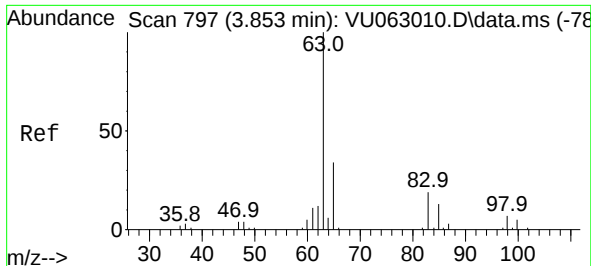
Tgt Ion: 73	Resp:	72020
Ion Ratio	Lower	Upper
73	100	
43	22.0	16.2 24.4
57	15.7	14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 5.142 ug/L
RT: 3.335 min Scan# 636
Delta R.T. -0.006 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion: 96	Resp:	26190
Ion Ratio	Lower	Upper
96	100	
61	127.5	94.4 175.2
98	63.9	42.8 79.4

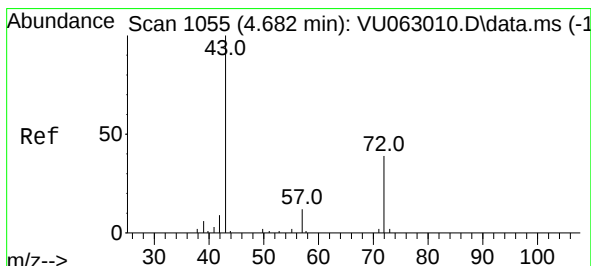
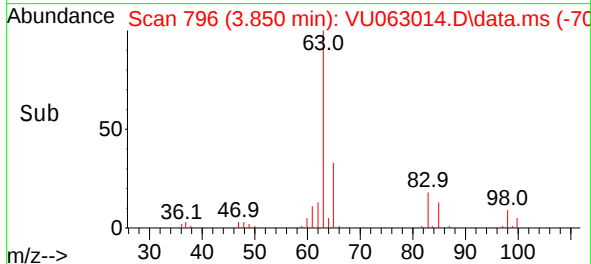
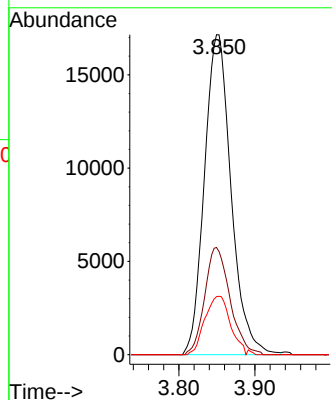
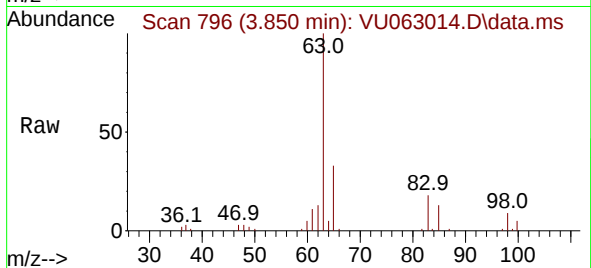




#19
1,1-Dichloroethane
Concen: 4.734 ug/L
RT: 3.850 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

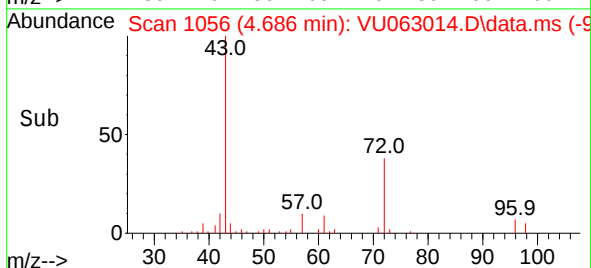
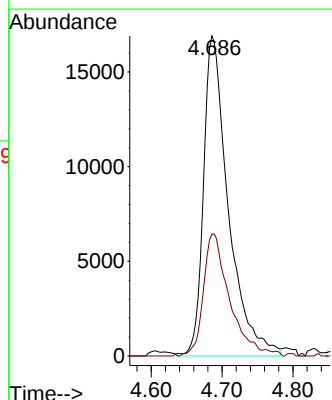
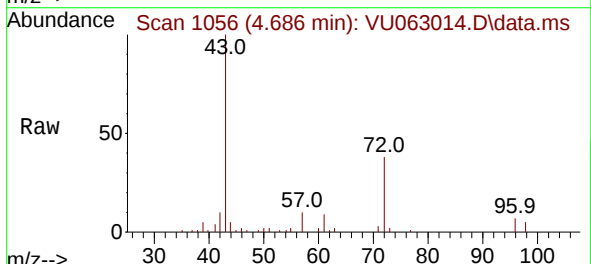
Instrument :
MSVOA_U
ClientSampleId :

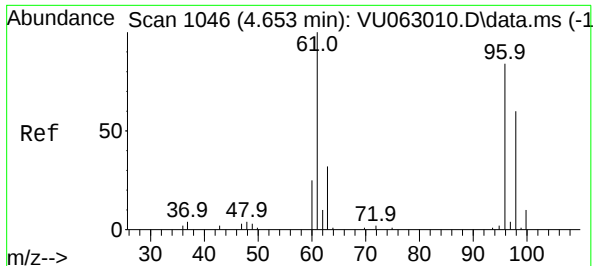
Tgt Ion: 63 Resp: 41796
Ion Ratio Lower Upper
63 100
65 33.5 20.7 38.5
83 18.2 10.5 19.5



#21
2-Butanone
Concen: 48.866 ug/L
RT: 4.686 min Scan# 1056
Delta R.T. 0.003 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

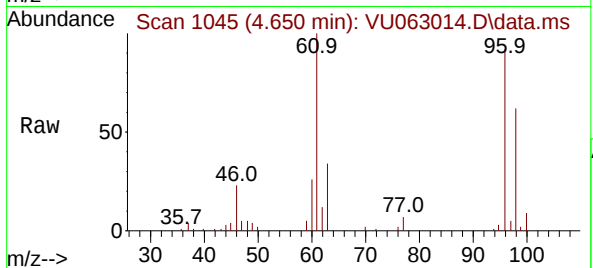
Tgt Ion: 43 Resp: 41198
Ion Ratio Lower Upper
43 100
72 37.3 17.1 51.2



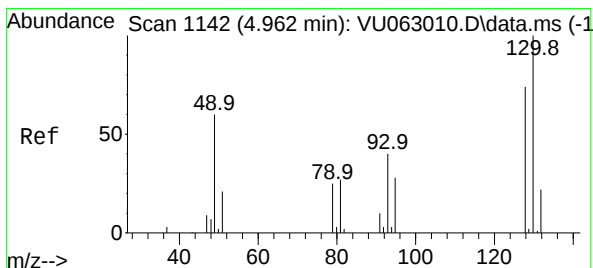
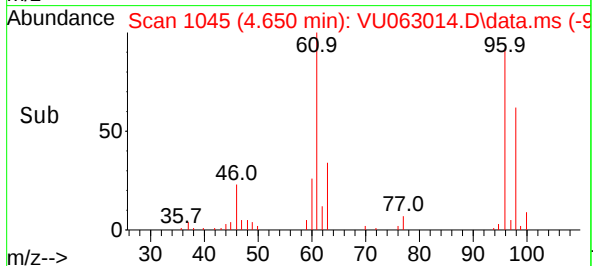
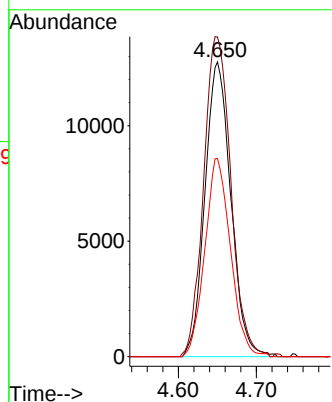


#22
 cis-1,2-Dichloroethene
 Concen: 4.849 ug/L
 RT: 4.650 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU063014.D
 Acq: 27 Jan 2025 13:51

Instrument :
 MSVOA_U
 ClientSampleId :

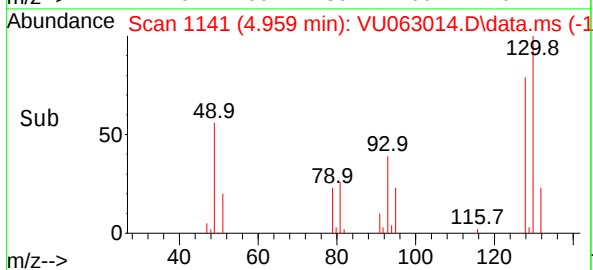
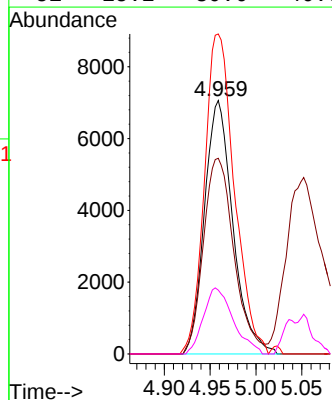
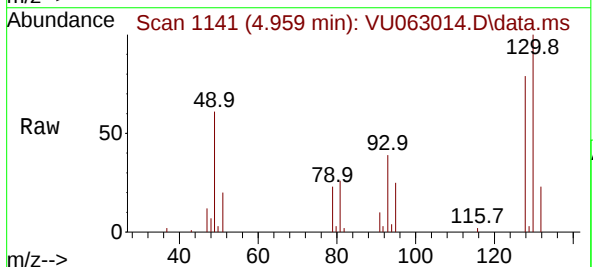


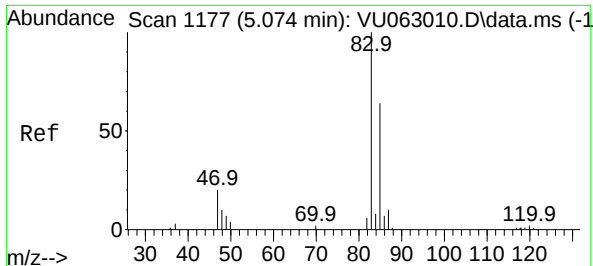
Tgt Ion: 96 Resp: 29521
 Ion Ratio Lower Upper
 96 100
 61 108.5 84.8 157.6
 98 67.3 43.1 80.1



#23
 Bromochloromethane
 Concen: 4.980 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU063014.D
 Acq: 27 Jan 2025 13:51

Tgt Ion:128 Resp: 15214
 Ion Ratio Lower Upper
 128 100
 49 80.7 81.1 150.7#
 130 126.2 94.9 176.3
 51 25.2 30.6 46.0#





#25

Chloroform

Concen: 4.666 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

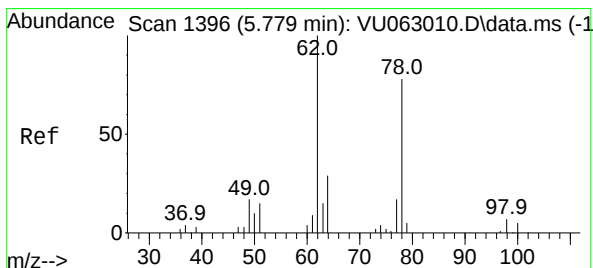
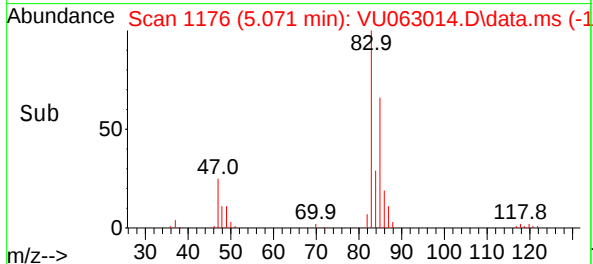
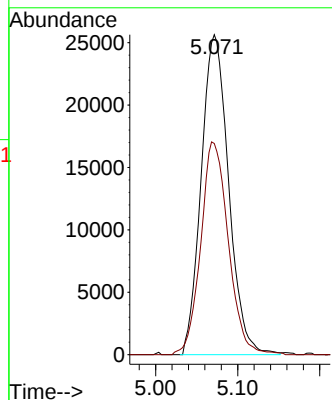
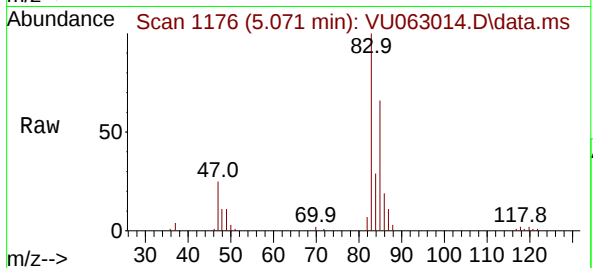
ClientSampleId :

Tgt Ion: 83 Resp: 59528

Ion Ratio Lower Upper

83 100

85 66.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.532 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VU063014.D

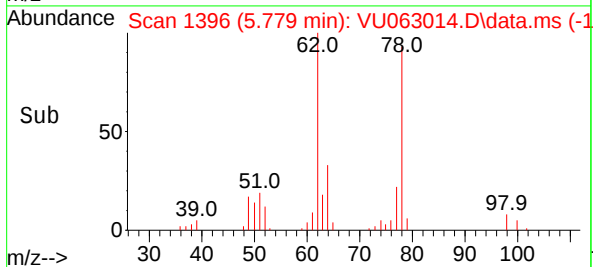
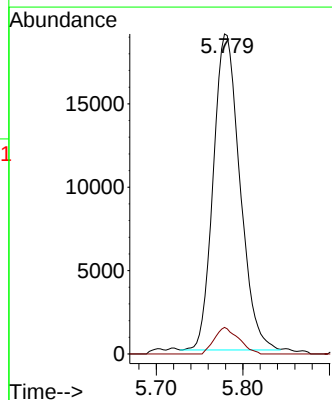
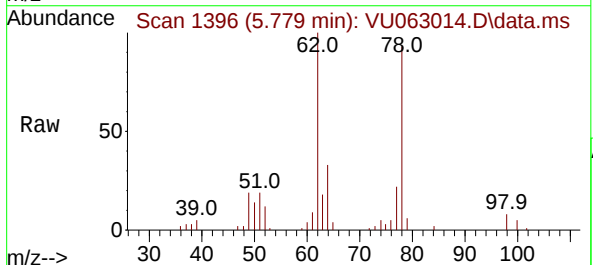
Acq: 27 Jan 2025 13:51

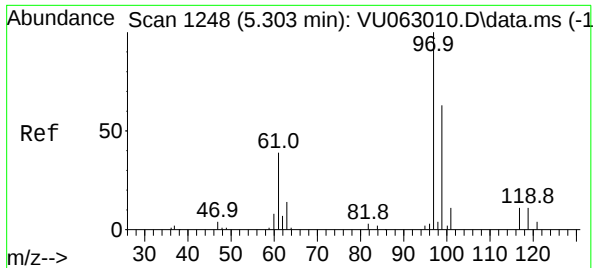
Tgt Ion: 62 Resp: 40524

Ion Ratio Lower Upper

62 100

98 8.3 5.8 8.6

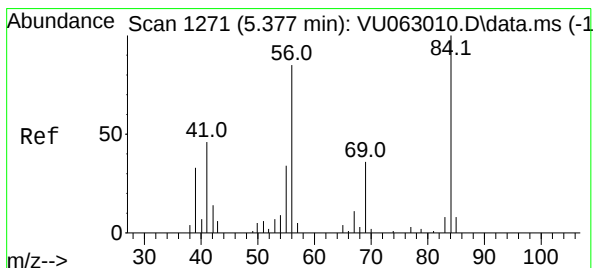
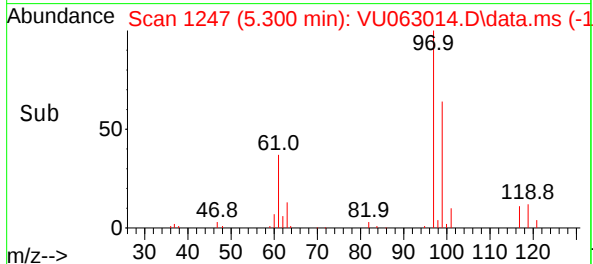
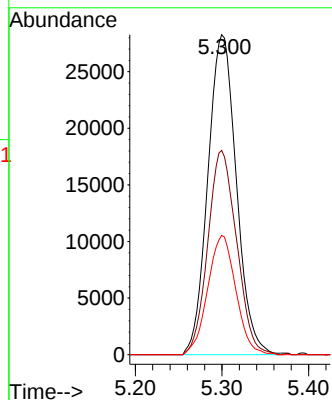
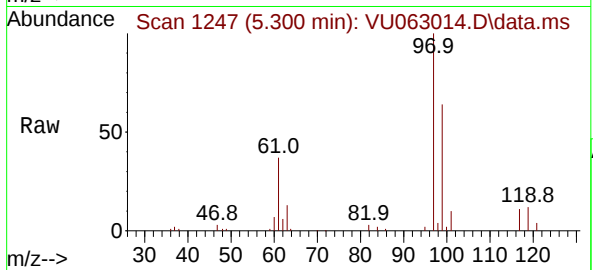




#29
1,1,1-Trichloroethane
Concen: 4.863 ug/L
RT: 5.300 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

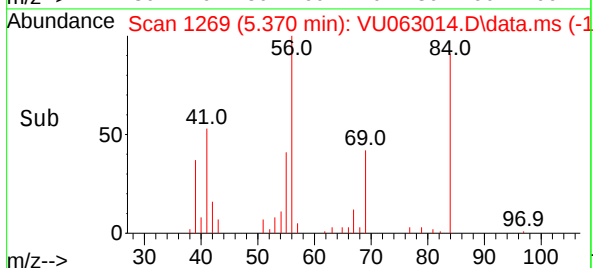
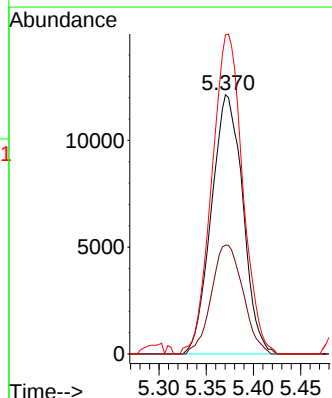
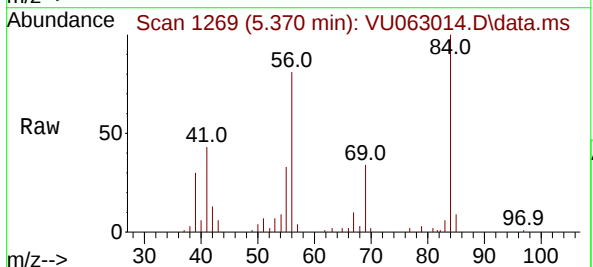
Instrument :
MSVOA_U
ClientSampleId :

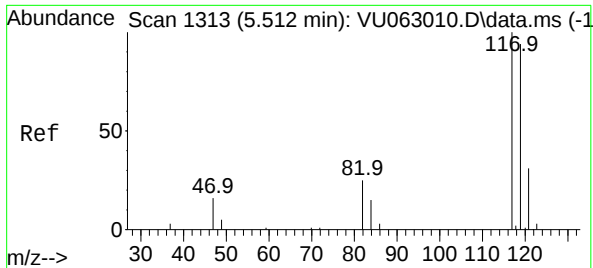
Tgt Ion: 97	Resp: 64729
Ion Ratio	Lower Upper
97 100	
99 64.3	52.4 78.6
61 36.8	32.2 48.4



#30
Cyclohexane
Concen: 4.526 ug/L
RT: 5.370 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion: 56	Resp: 28061
Ion Ratio	Lower Upper
56 100	
69 42.3	28.3 42.5
84 121.4	76.5 114.7#

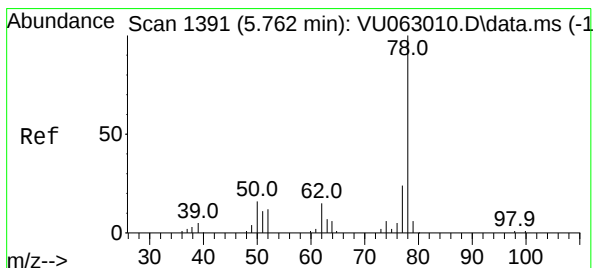
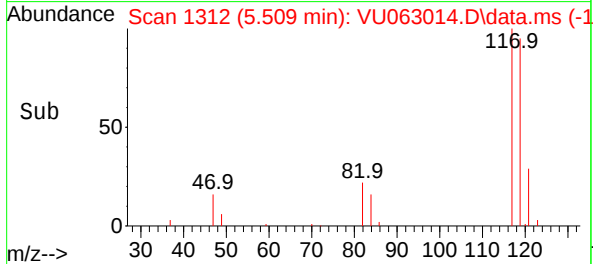
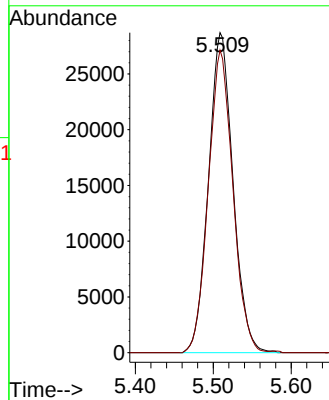
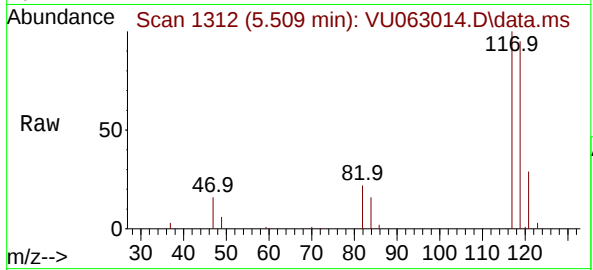




#31
Carbon tetrachloride
Concen: 4.895 ug/L
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

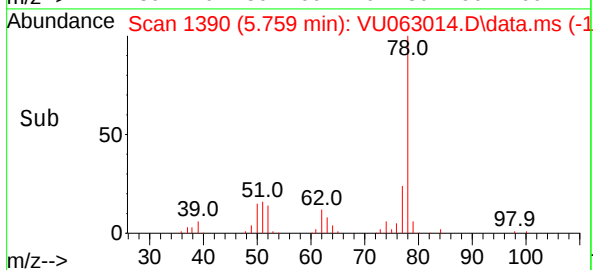
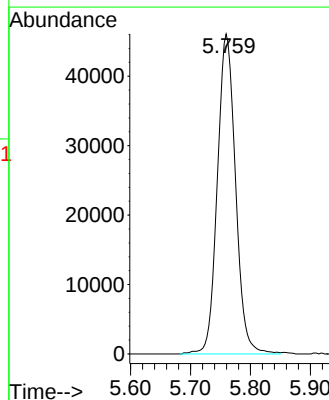
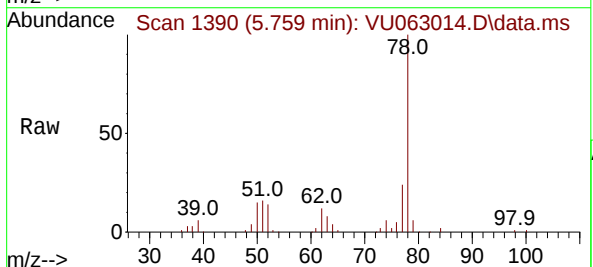
Instrument :
MSVOA_U
ClientSampleId :

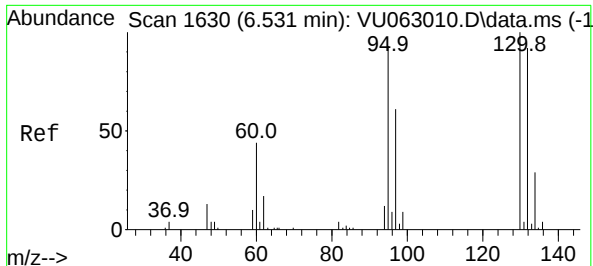
Tgt Ion:117 Resp: 62737
Ion Ratio Lower Upper
117 100
119 94.6 78.6 118.0



#33
Benzene
Concen: 4.663 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion: 78 Resp: 96991





#34

Trichloroethene

Concen: 4.504 ug/L

RT: 6.528 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 31832

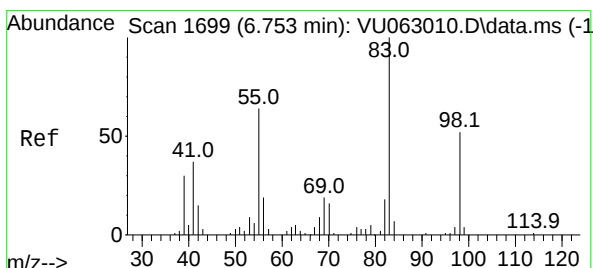
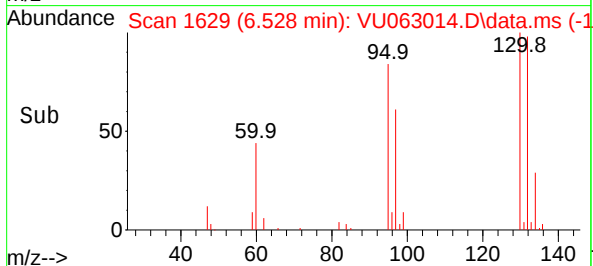
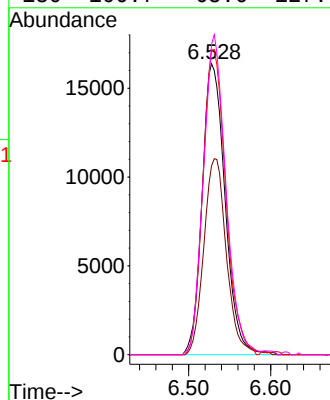
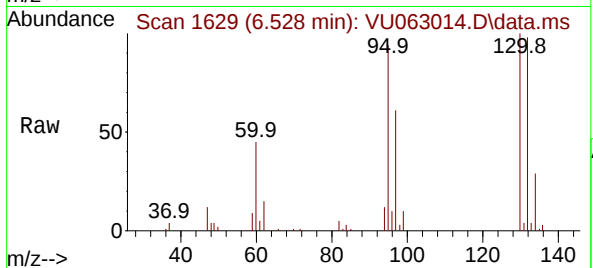
Ion Ratio Lower Upper

95 100

97 64.9 47.5 88.3

132 104.4 66.9 124.3

130 106.7 68.6 127.4



#35

Methylcyclohexane

Concen: 4.587 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

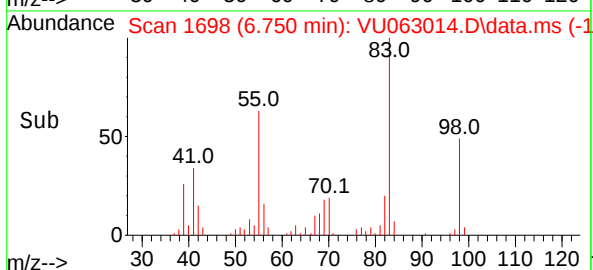
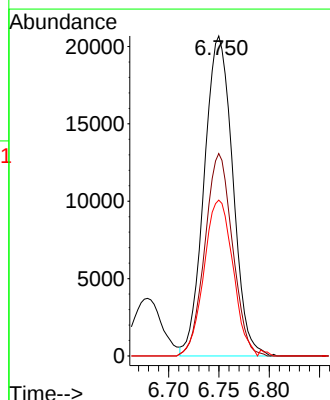
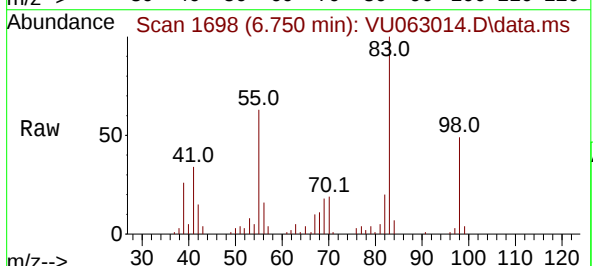
Tgt Ion: 83 Resp: 40848

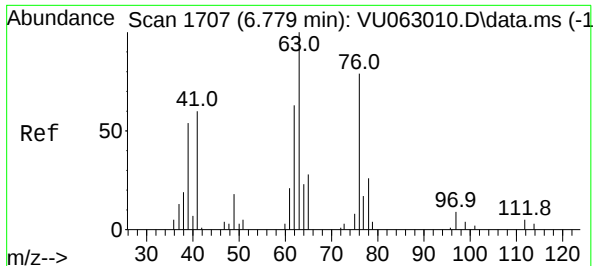
Ion Ratio Lower Upper

83 100

55 61.1 57.2 85.8

98 49.5 36.6 55.0

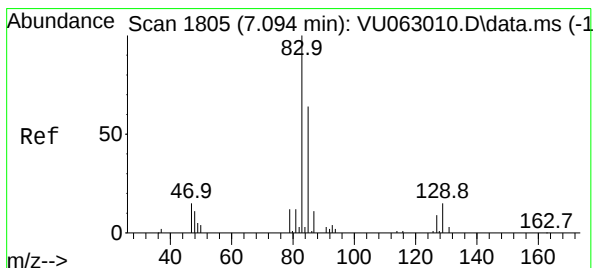
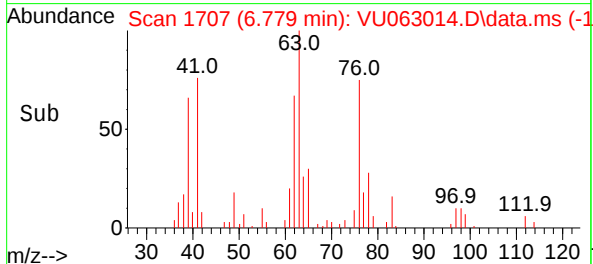
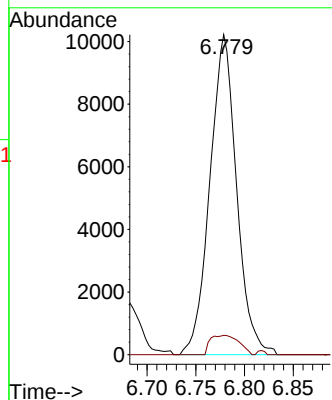
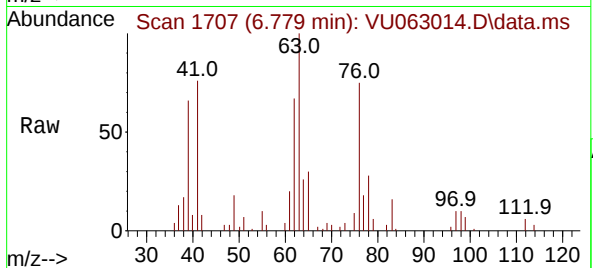




#37
1,2-Dichloropropane
Concen: 4.167 ug/L
RT: 6.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

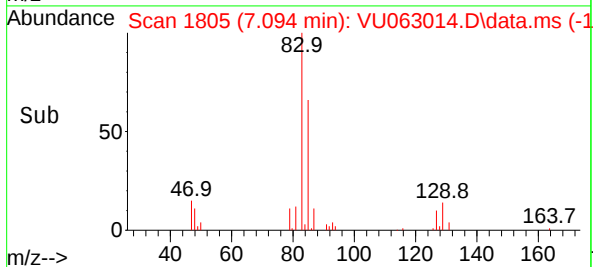
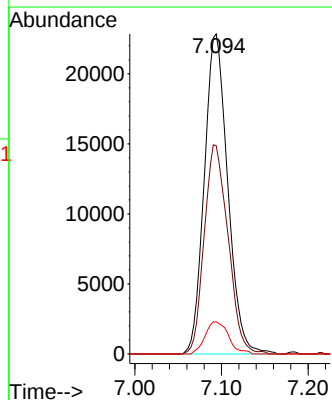
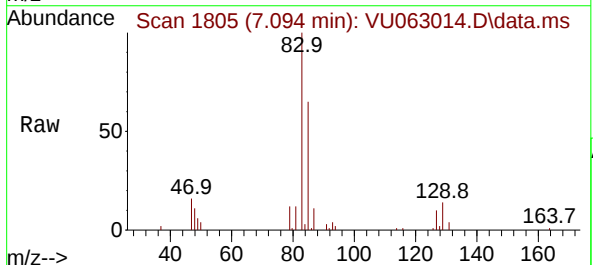
Instrument :
MSVOA_U
ClientSampleId :

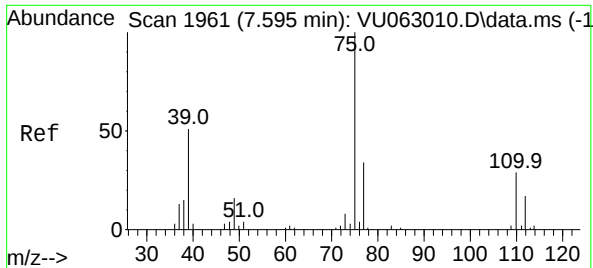
Tgt Ion: 63 Resp: 19493
Ion Ratio Lower Upper
63 100
112 6.5 3.8 5.8#



#38
Bromodichloromethane
Concen: 4.577 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion: 83 Resp: 42907
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.0
127 10.1 7.8 11.8

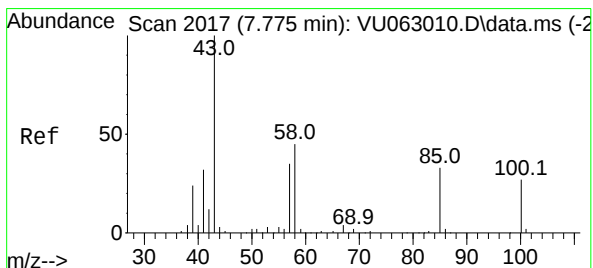
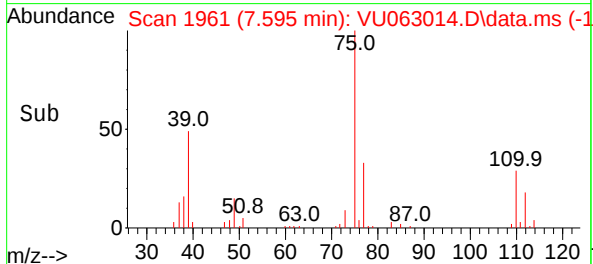
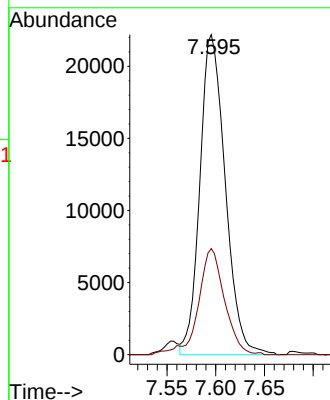
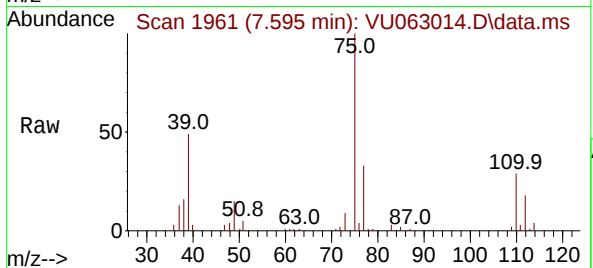




#39
 cis-1,3-Dichloropropene
 Concen: 4.563 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063014.D
 Acq: 27 Jan 2025 13:51

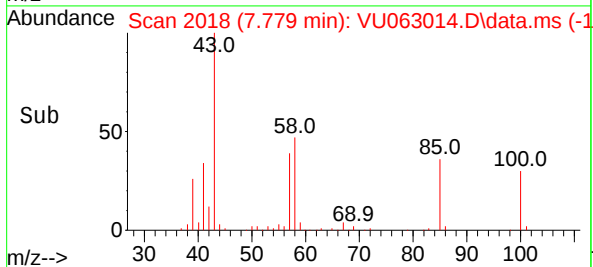
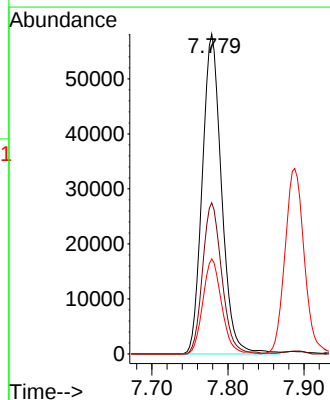
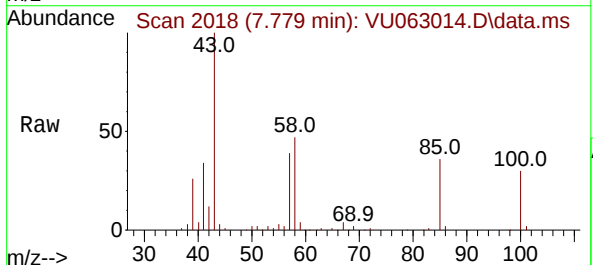
Instrument :
 MSVOA_U
 ClientSampleId :

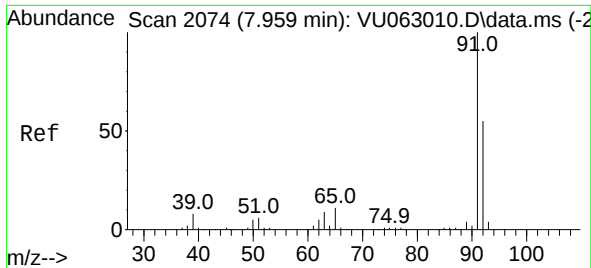
Tgt Ion: 75 Resp: 40184
 Ion Ratio Lower Upper
 75 100
 77 33.2 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 45.450 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. 0.003 min
 Lab File: VU063014.D
 Acq: 27 Jan 2025 13:51

Tgt Ion: 43 Resp: 102562
 Ion Ratio Lower Upper
 43 100
 58 47.1 35.8 53.8
 100 28.9 16.8 25.2#

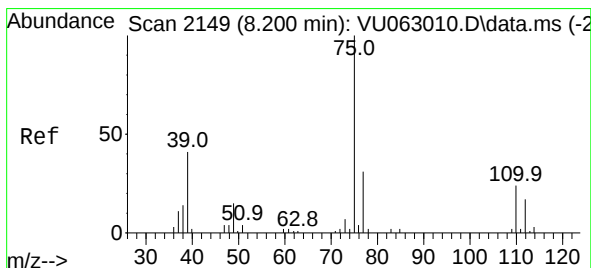
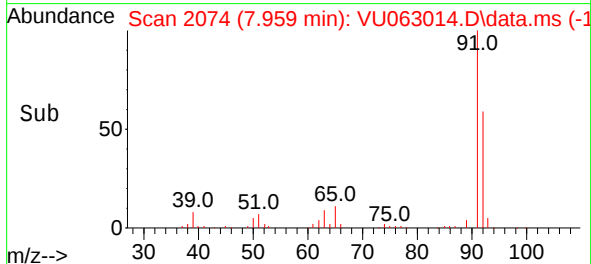
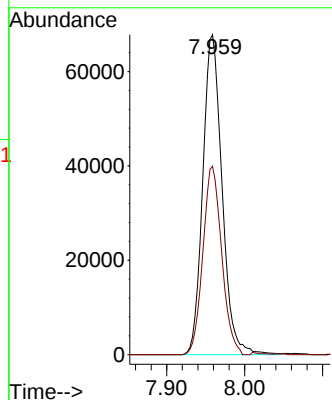
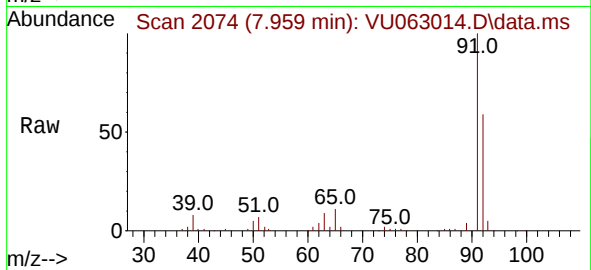




#42
Toluene
Concen: 4.721 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

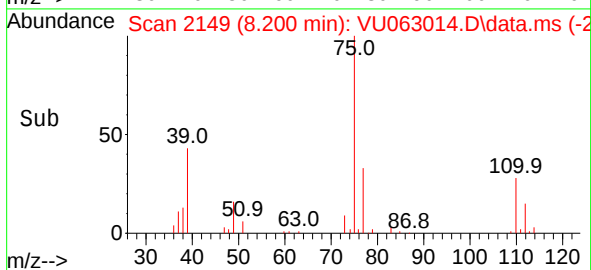
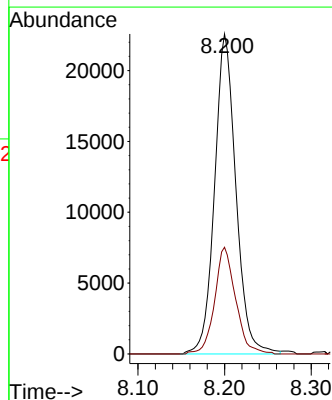
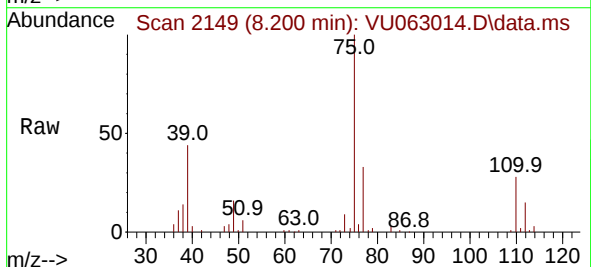
Instrument :
MSVOA_U
ClientSampleId :

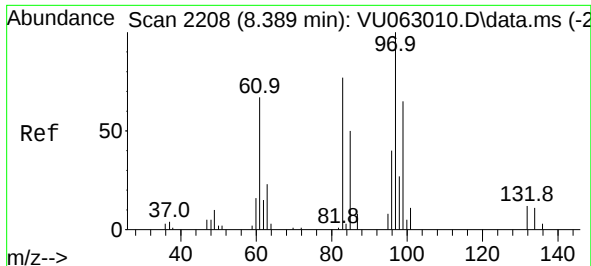
Tgt Ion: 91 Resp: 116707
Ion Ratio Lower Upper
91 100
92 58.9 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.764 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion: 75 Resp: 38644
Ion Ratio Lower Upper
75 100
77 33.3 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 4.953 ug/L

RT: 8.390 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 21807

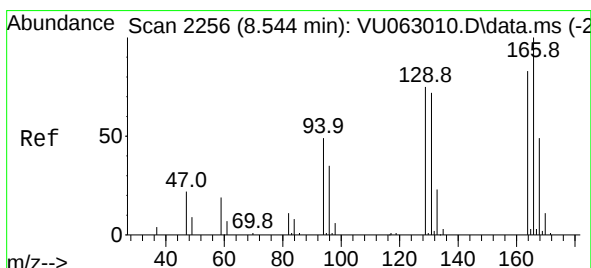
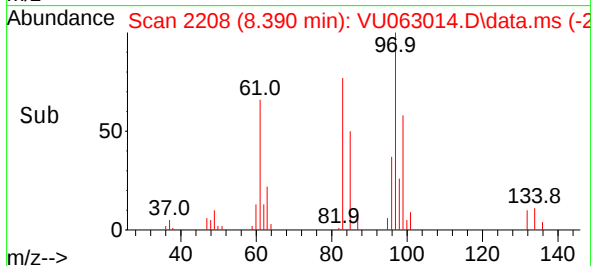
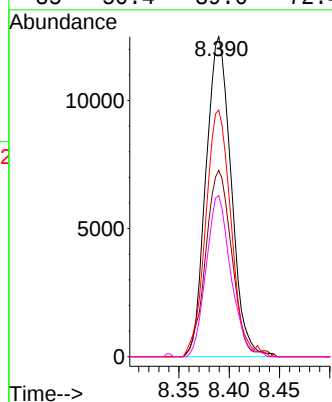
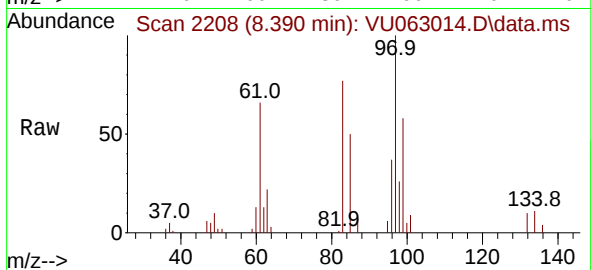
Ion Ratio Lower Upper

97 100

99 58.2 45.6 84.6

83 77.1 63.0 117.0

85 50.4 39.0 72.4



#47

Tetrachloroethene

Concen: 4.873 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Tgt Ion:164 Resp: 29953

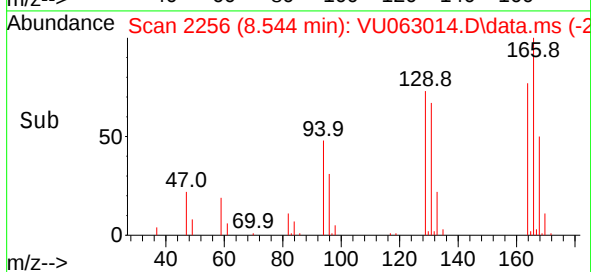
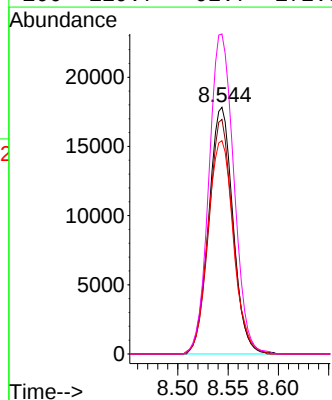
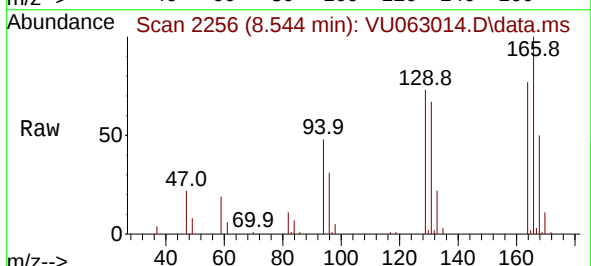
Ion Ratio Lower Upper

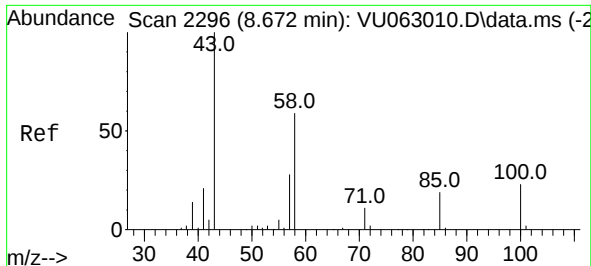
164 100

129 95.1 71.0 131.9

131 86.4 69.4 129.0

166 129.7 92.7 172.3





#48

2-Hexanone

Concen: 50.745 ug/L

RT: 8.672 min Scan# 2296

Delta R.T. 0.000 min

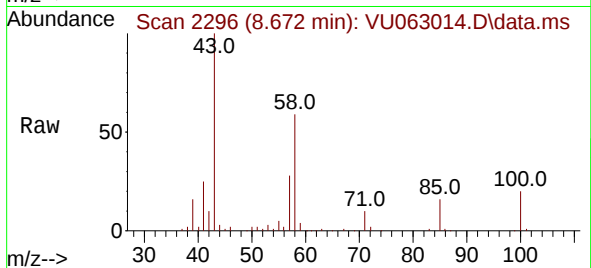
Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 79426

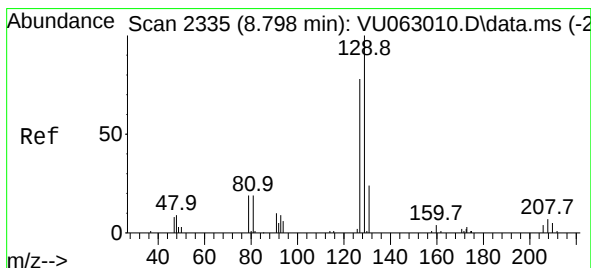
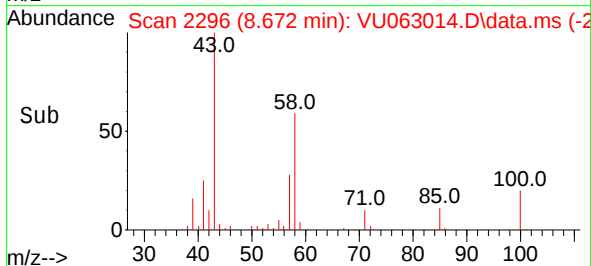
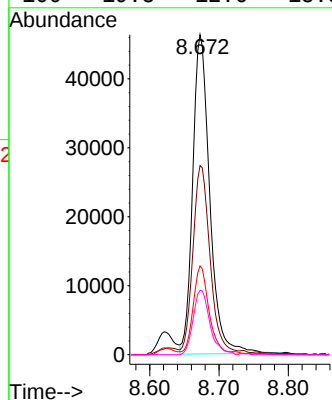
Ion Ratio Lower Upper

43 100

58 57.5 50.2 75.4

57 24.4 19.9 29.9

100 19.8 12.6 18.8#



#49

Dibromochloromethane

Concen: 4.906 ug/L

RT: 8.798 min Scan# 2335

Delta R.T. -0.000 min

Lab File: VU063014.D

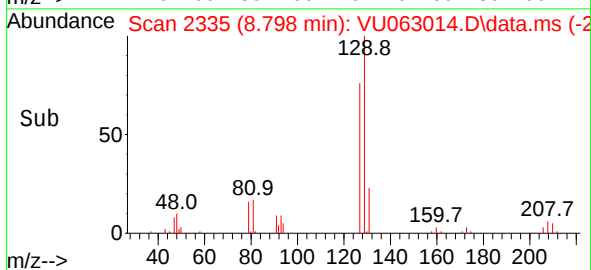
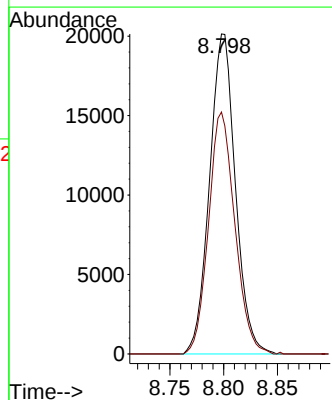
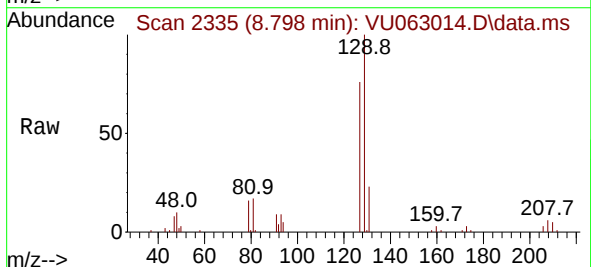
Acq: 27 Jan 2025 13:51

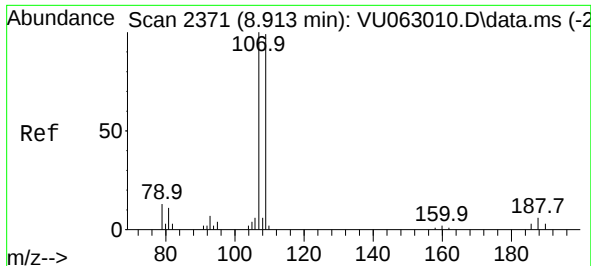
Tgt Ion: 129 Resp: 33704

Ion Ratio Lower Upper

129 100

127 75.6 52.1 96.9

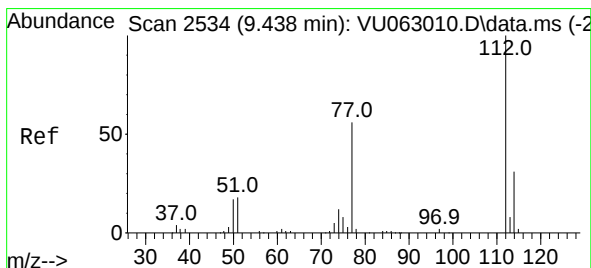
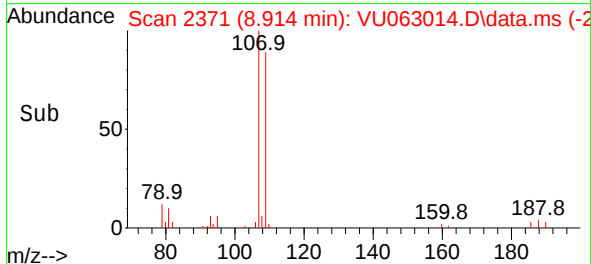
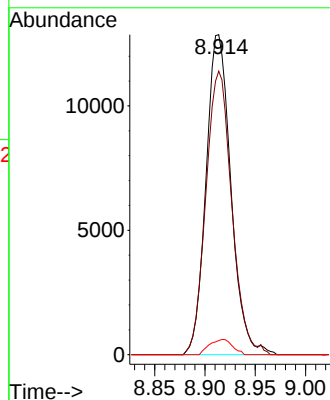
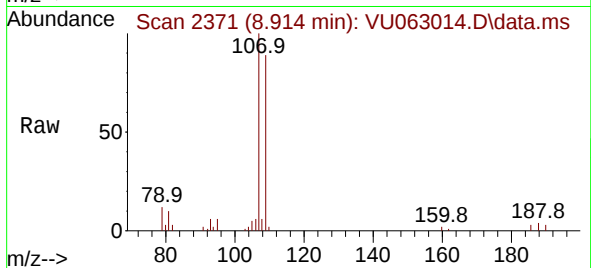




#50
1,2-Dibromoethane
Concen: 4.978 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

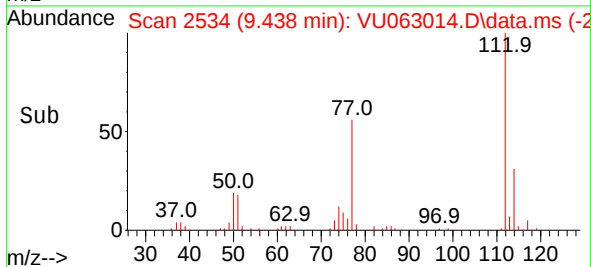
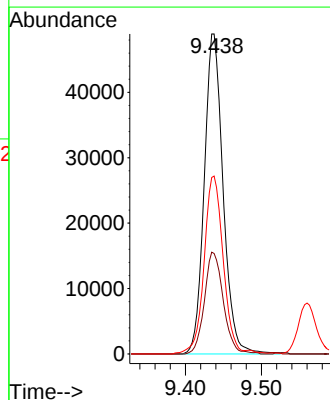
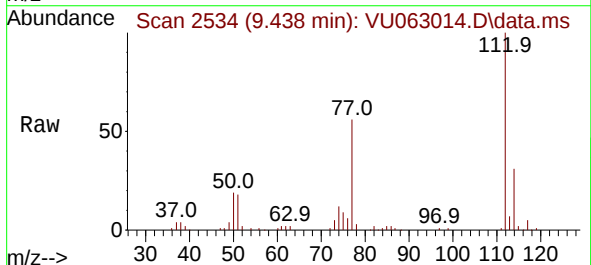
Instrument :
MSVOA_U
ClientSampleId :

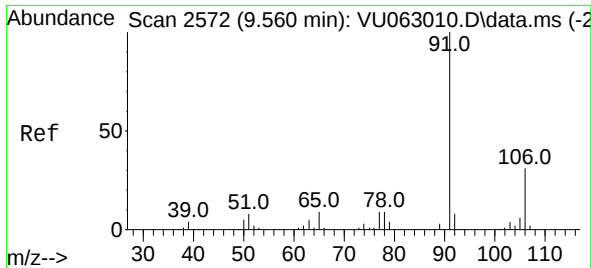
Tgt Ion:107 Resp: 22138
Ion Ratio Lower Upper
107 100
109 88.6 65.7 121.9
188 4.4 3.4 5.2



#51
Chlorobenzene
Concen: 4.917 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion:112 Resp: 84290
Ion Ratio Lower Upper
112 100
114 31.4 21.7 40.3
77 55.6 48.6 73.0

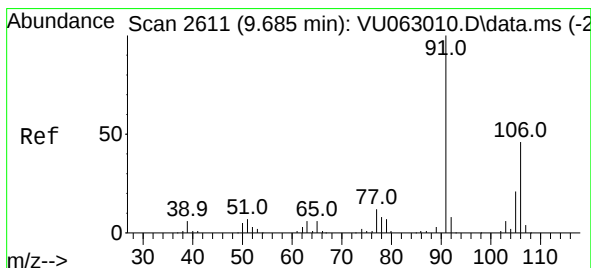
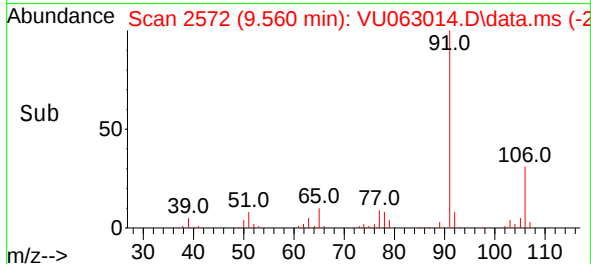
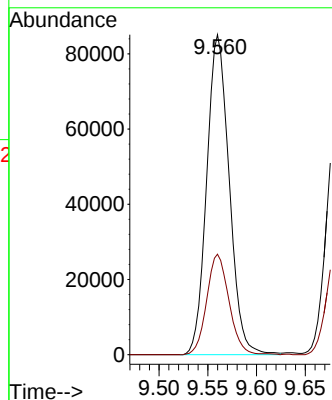
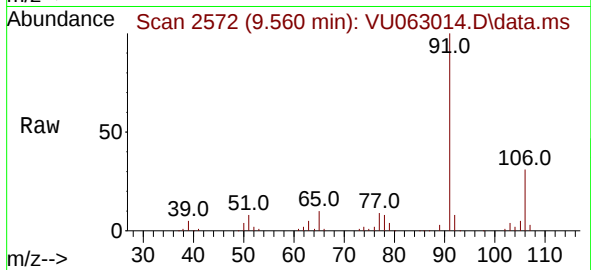




#52
Ethylbenzene
Concen: 4.750 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

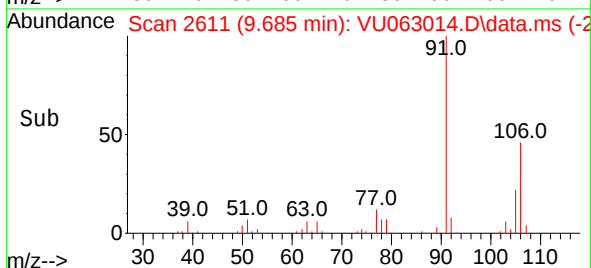
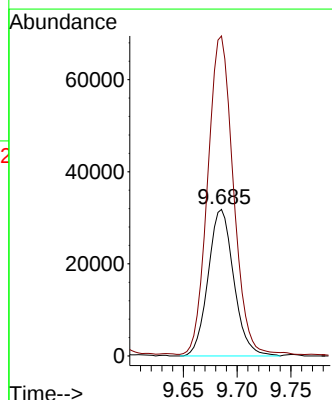
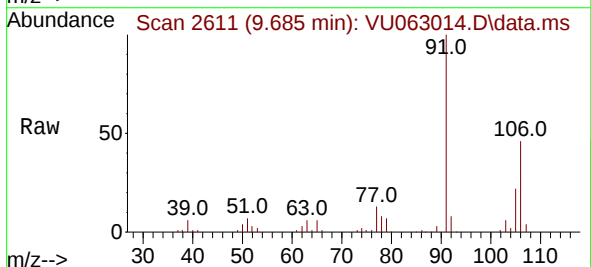
Instrument :
MSVOA_U
ClientSampleId :

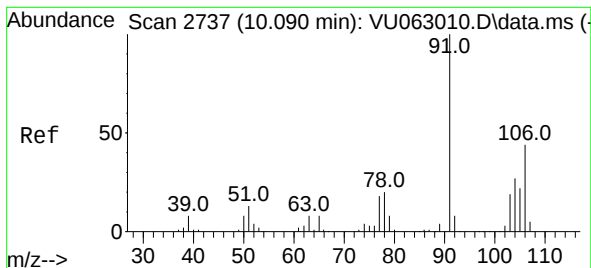
Tgt Ion: 91 Resp: 136845
Ion Ratio Lower Upper
91 100
106 31.4 21.9 40.7



#53
m,p-Xylene
Concen: 4.745 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion:106 Resp: 52792
Ion Ratio Lower Upper
106 100
91 218.2 153.1 284.3





#54

o-Xylene

Concen: 5.285 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

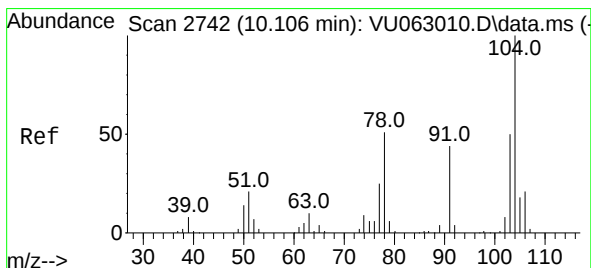
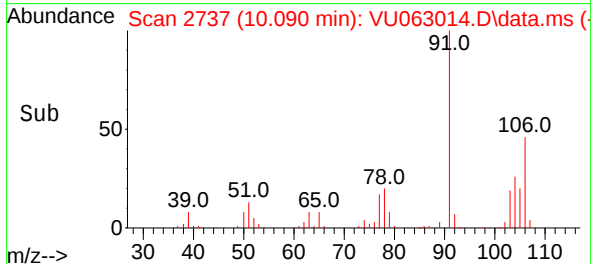
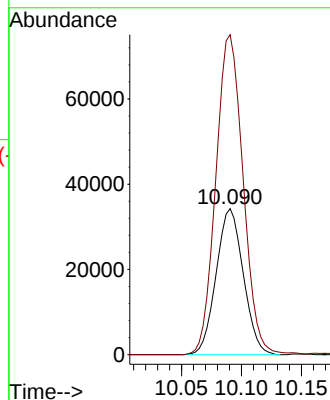
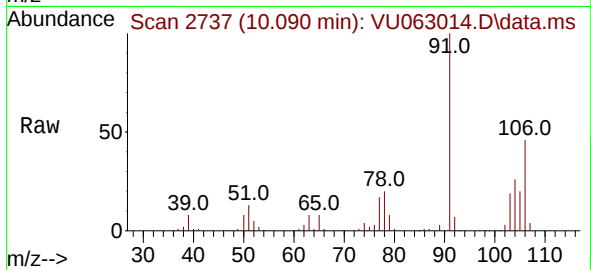
ClientSampleId :

Tgt Ion:106 Resp: 53873

Ion Ratio Lower Upper

106 100

91 219.1 160.4 297.8



#55

Styrene

Concen: 5.038 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU063014.D

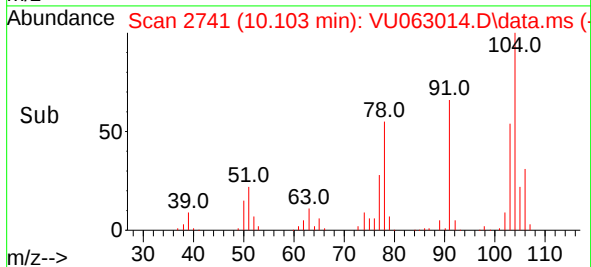
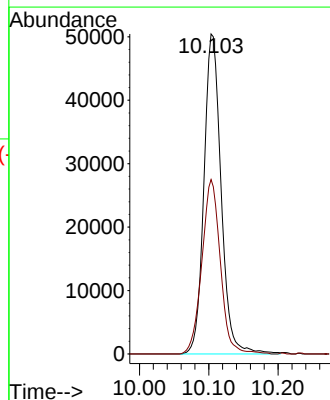
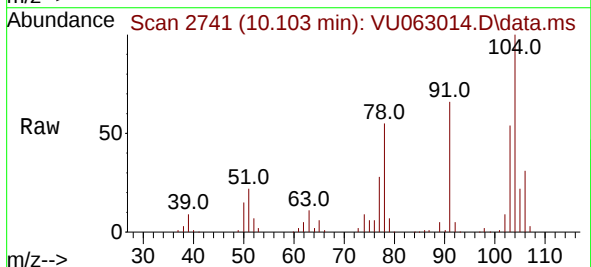
Acq: 27 Jan 2025 13:51

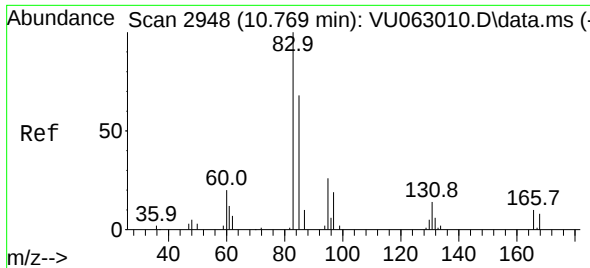
Tgt Ion:104 Resp: 86821

Ion Ratio Lower Upper

104 100

78 54.5 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.756 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

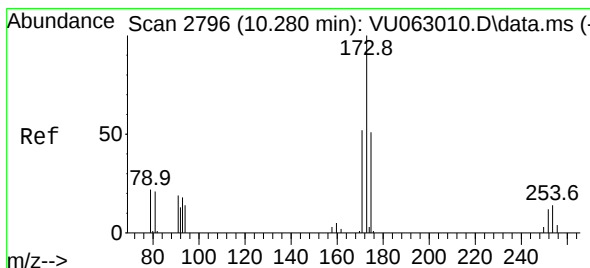
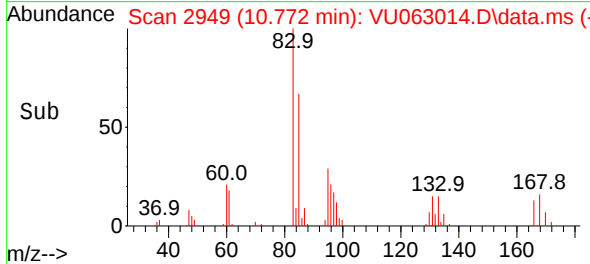
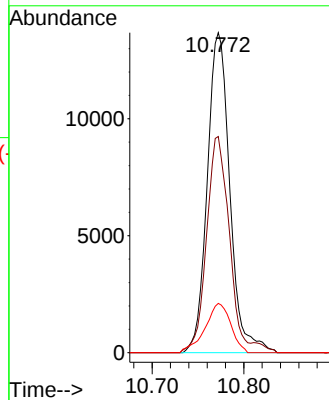
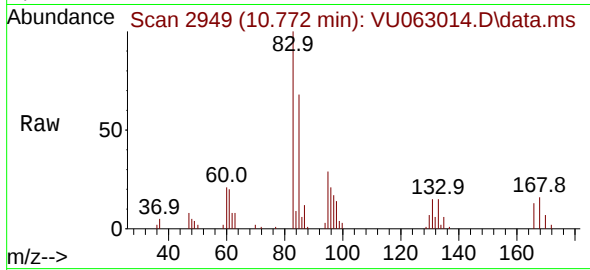
Tgt Ion: 83 Resp: 23427

Ion Ratio Lower Upper

83 100

85 67.6 43.0 79.8

131 15.4 7.4 11.0#



#59

Bromoform

Concen: 4.855 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

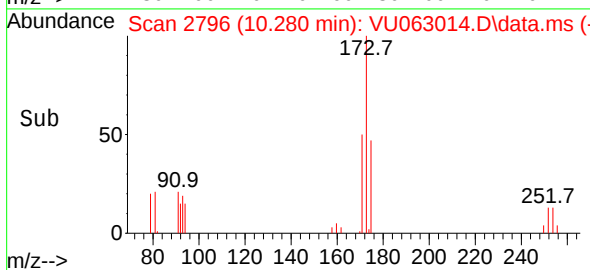
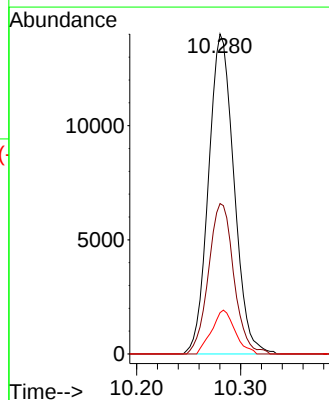
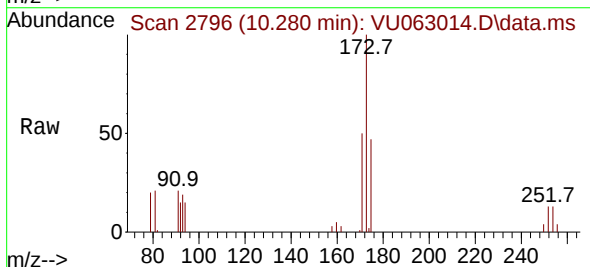
Tgt Ion:173 Resp: 23814

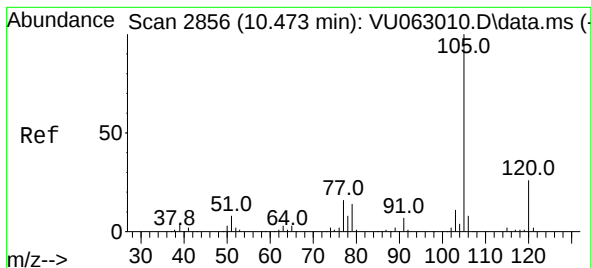
Ion Ratio Lower Upper

173 100

175 46.8 39.8 59.8

254 12.6 8.6 12.8





#60

Isopropylbenzene

Concen: 4.585 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

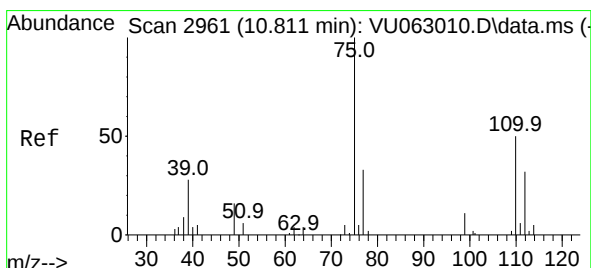
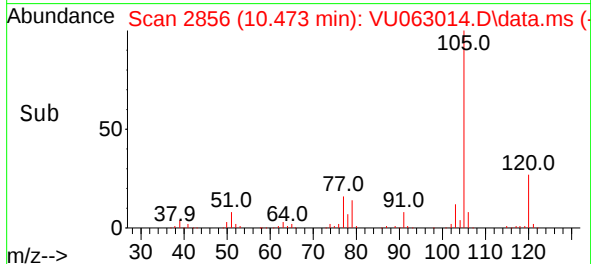
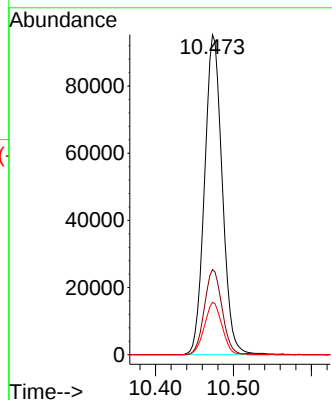
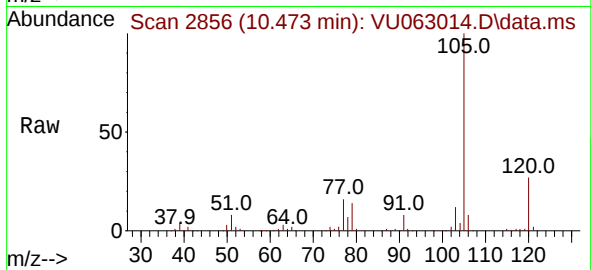
Tgt Ion:105 Resp: 149977

Ion Ratio Lower Upper

105 100

120 26.5 20.2 30.2

77 16.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.498 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

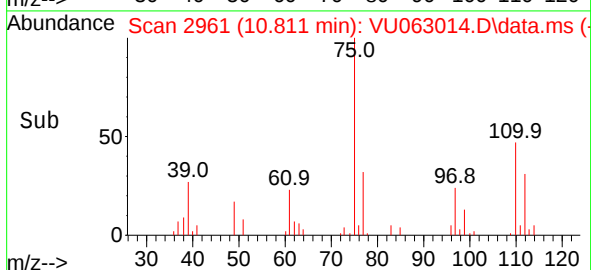
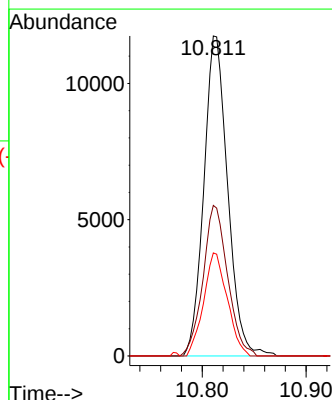
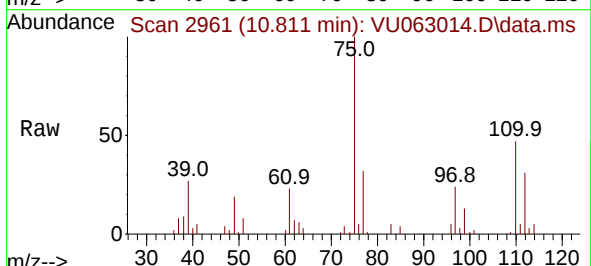
Tgt Ion: 75 Resp: 18684

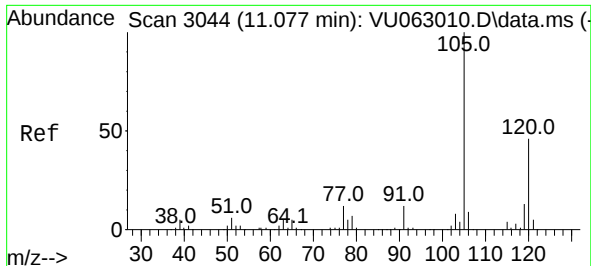
Ion Ratio Lower Upper

75 100

110 48.6 33.2 49.8

77 32.0 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.705 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

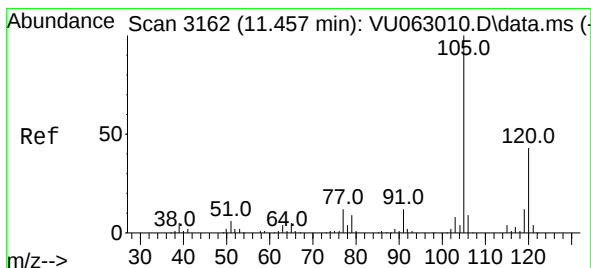
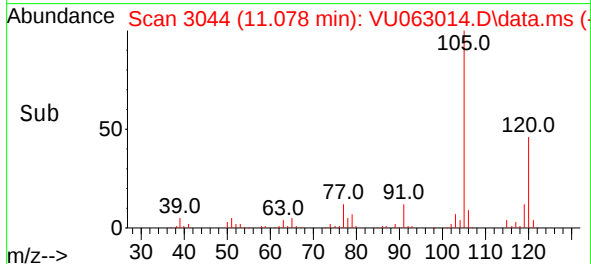
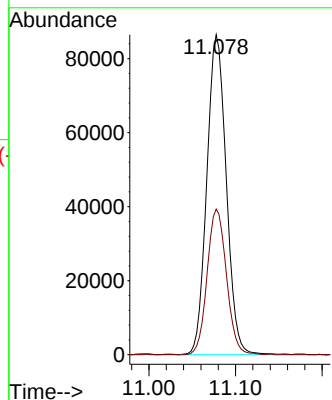
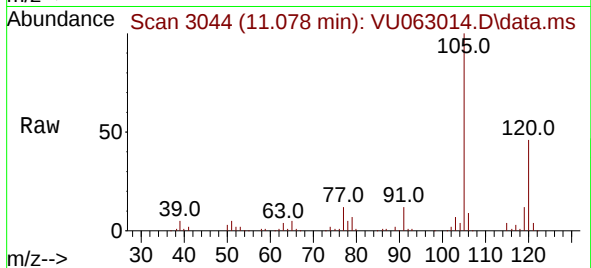
ClientSampleId :

Tgt Ion:105 Resp: 134920

Ion Ratio Lower Upper

105 100

120 45.2 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 4.880 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063014.D

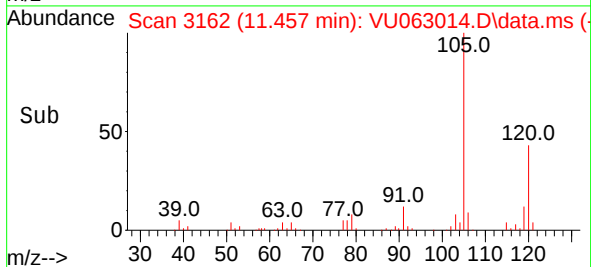
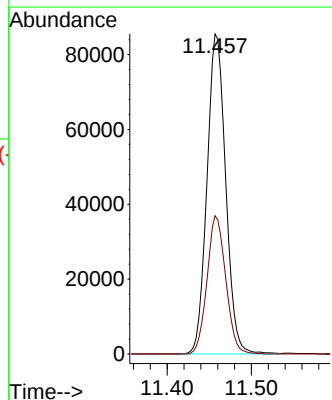
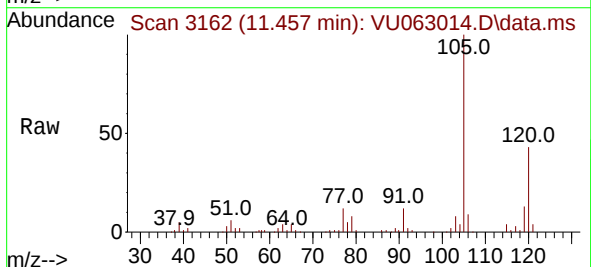
Acq: 27 Jan 2025 13:51

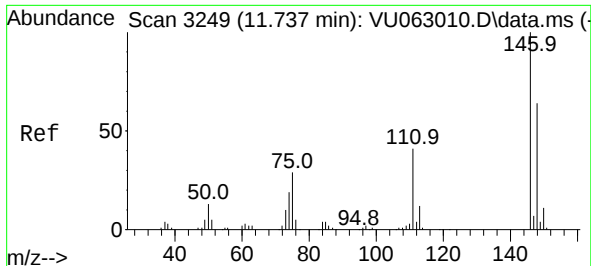
Tgt Ion:105 Resp: 132348

Ion Ratio Lower Upper

105 100

120 43.1 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 4.875 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

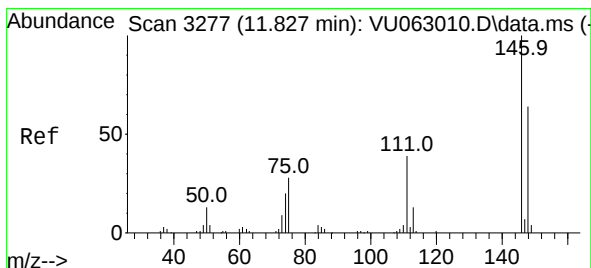
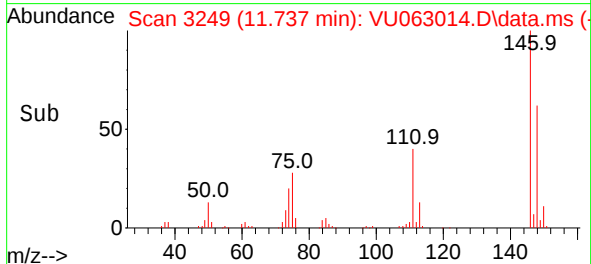
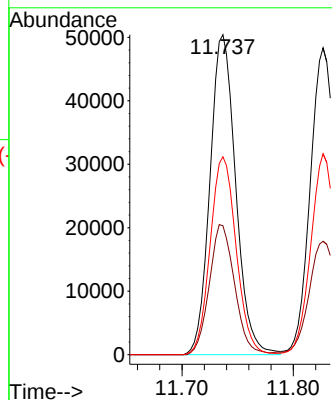
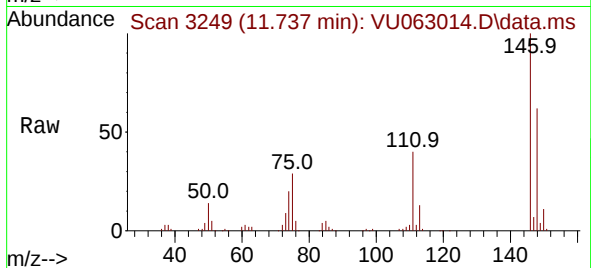
Tgt Ion:146 Resp: 80947

Ion Ratio Lower Upper

146 100

111 40.3 28.6 53.0

148 61.8 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 4.876 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

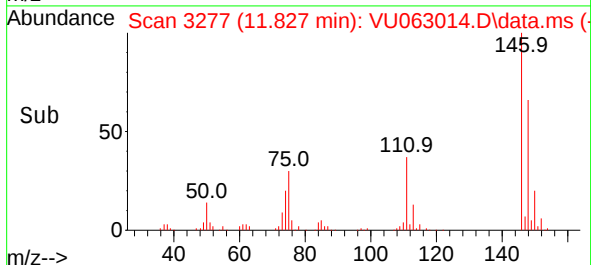
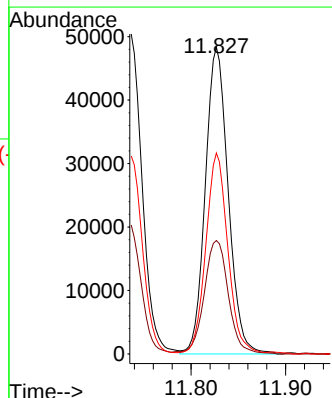
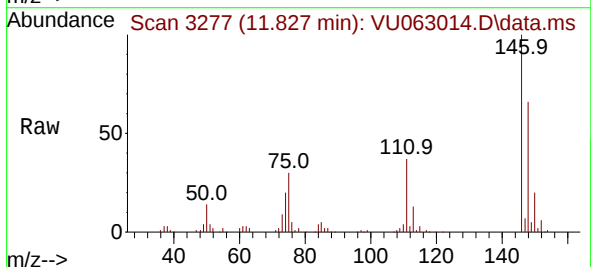
Tgt Ion:146 Resp: 81228

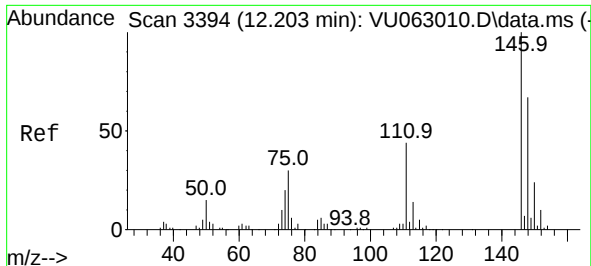
Ion Ratio Lower Upper

146 100

111 36.9 29.5 54.9

148 65.5 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.893 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

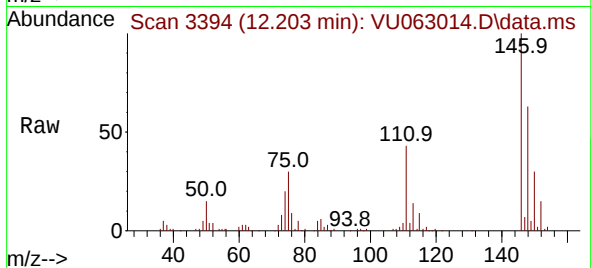
Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :



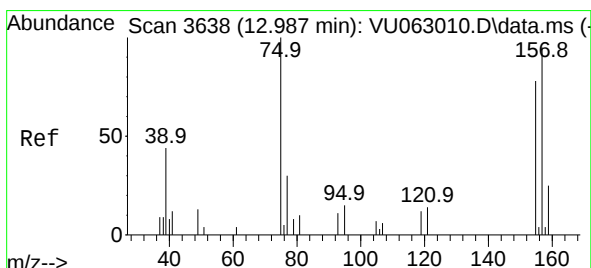
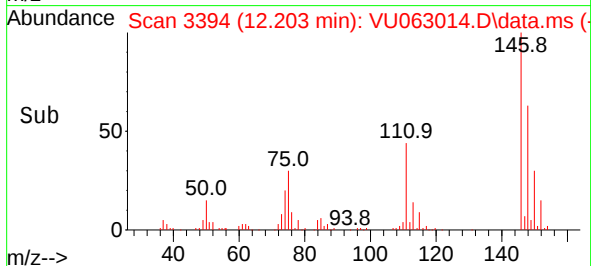
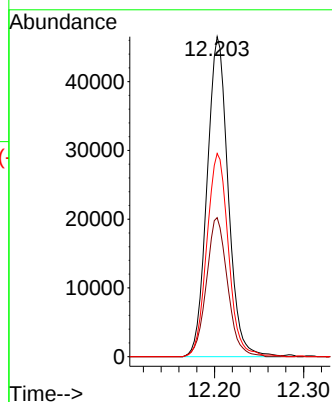
Tgt Ion:146 Resp: 76445

Ion Ratio Lower Upper

146 100

111 43.5 36.3 54.5

148 63.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.103 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

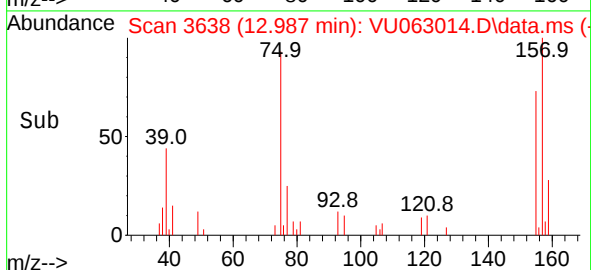
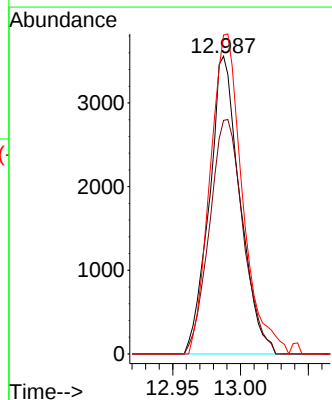
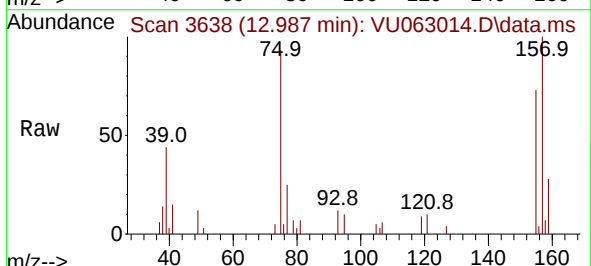
Tgt Ion: 75 Resp: 5605

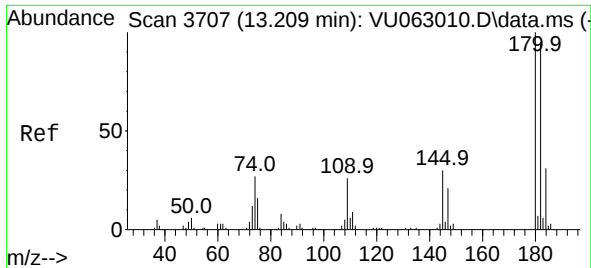
Ion Ratio Lower Upper

75 100

155 78.5 59.6 89.4

157 107.1 70.8 106.2#





#69

1,3,5-Trichlorobenzene

Concen: 5.052 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

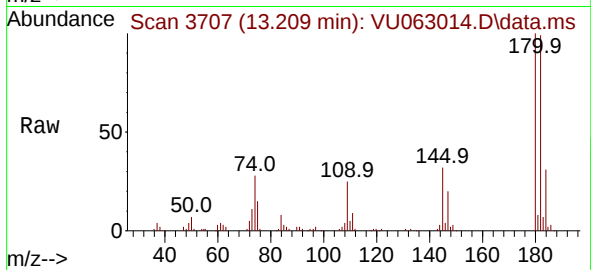
Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 67028

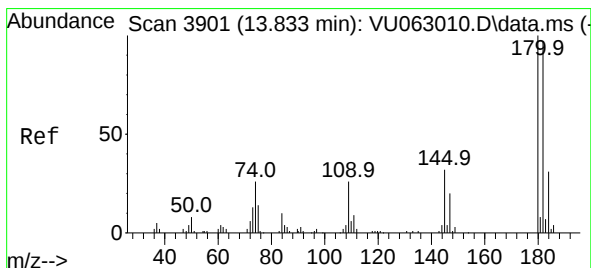
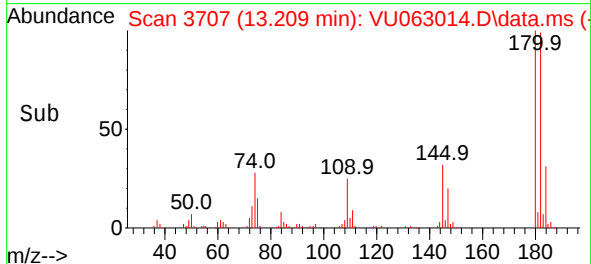
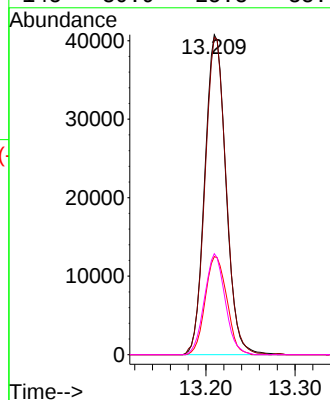
Ion Ratio Lower Upper

180 100

182 98.7 75.8 113.8

184 31.3 24.7 37.1

145 30.9 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.887 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU063014.D

Acq: 27 Jan 2025 13:51

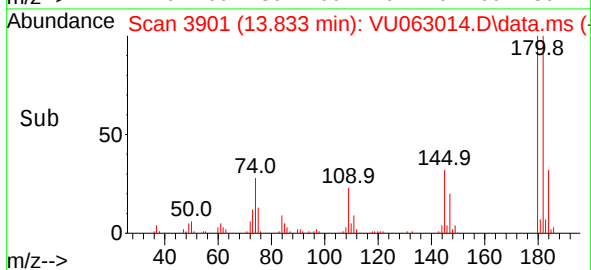
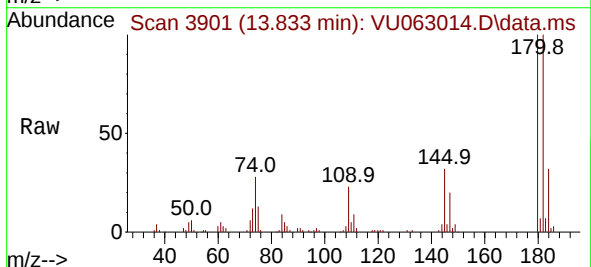
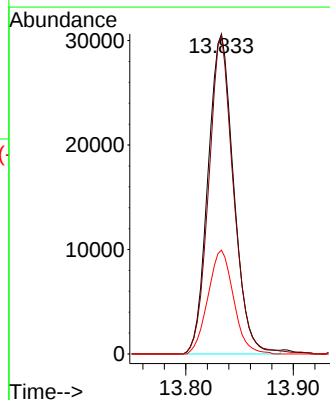
Tgt Ion:180 Resp: 50739

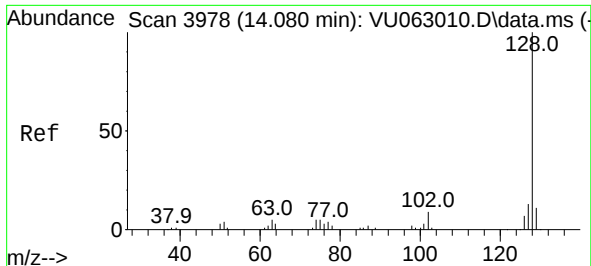
Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

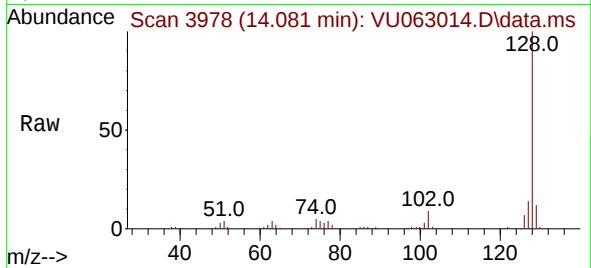
145 32.4 26.9 40.3



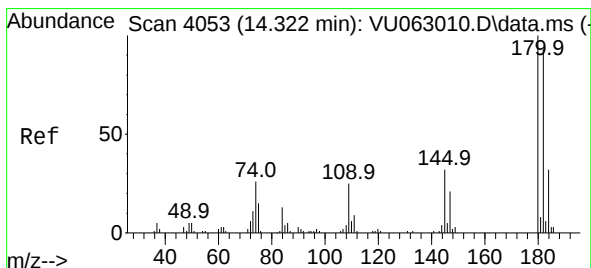
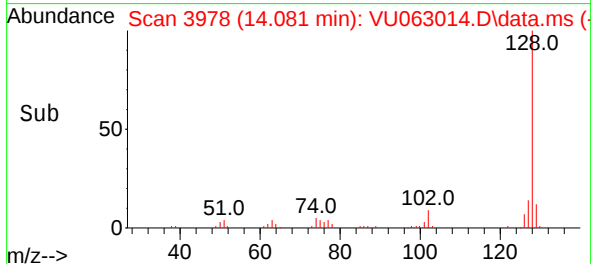
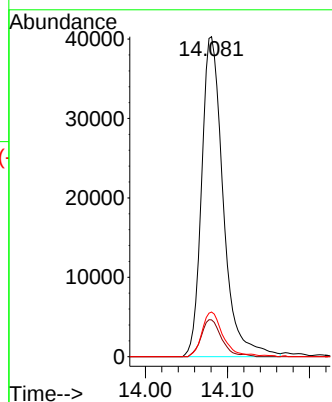


#71
Naphthalene
Concen: 5.528 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 73648
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.953 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063014.D
Acq: 27 Jan 2025 13:51

Tgt Ion:180 Resp: 44435
Ion Ratio Lower Upper
180 100
182 97.2 79.8 119.6
145 33.6 29.2 43.8

